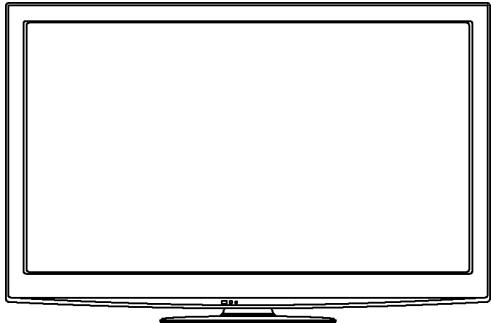


Service Manual

42 inch Class 1080p Plasma HDTV

Model No. TC-P42G25

GPF13DU Chassis



⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are important for safety. These parts are marked by ▲ in the Schematic Diagrams, Circuit Board Diagrams, Exploded Views and Replacement Parts List. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire or other hazards. Do not modify the original design without permission of manufacturer.

Panasonic®

© Panasonic Corporation 2010.
Unauthorized copying and distribution is a violation of law.

TABLE OF CONTENTS

PAGE		PAGE	
1 Safety Precautions	3	11.3. Wiring (2) -----	40
1.1. General Guidelines -----	3	11.4. Wiring (3) -----	41
2 Warning	4	12 Schematic Diagram	43
2.1. Prevention of Electrostatic Discharge (ESD) to Electrostatically Sensitive (ES) Devices -----	4	12.1. Schematic Diagram Note -----	43
2.2. About lead free solder (PbF) -----	5	12.2. P-Board (1/4) Schematic Diagram -----	44
3 Service Navigation	6	12.3. P-Board (2/4) Schematic Diagram -----	45
3.1. Service Hint-----	6	12.4. P-Board (3/4) Schematic Diagram -----	46
3.2. Applicable signals-----	7	12.5. P-Board (4/4) Schematic Diagram -----	47
4 Specifications	8	12.6. A-Board (1/18) Schematic Diagram-----	48
5 Service Mode	9	12.7. A-Board (2/18) Schematic Diagram-----	49
5.1. How to enter into Service Mode -----	9	12.8. A-Board (3/18) Schematic Diagram-----	50
5.2. Option - Mirror-----	11	12.9. A-Board (4/18) Schematic Diagram-----	51
5.3. Service tool mode-----	11	12.10. A-Board (5/18) Schematic Diagram-----	52
5.4. Hotel mode-----	12	12.11. A-Board (6/18) Schematic Diagram-----	53
5.5. Data Copy by SD Card -----	13	12.12. A-Board (7/18) Schematic Diagram-----	54
6 Troubleshooting Guide	16	12.13. A-Board (8/18) Schematic Diagram-----	55
6.1. Check of the IIC bus lines-----	16	12.14. A-Board (9/18) Schematic Diagram-----	56
6.2. Power LED Blinking timing chart -----	17	12.15. A-Board (10/18) and K-Board Schematic Diagram -----	57
6.3. No Power-----	18	12.16. A-Board (11/18) Schematic Diagram-----	58
6.4. No Picture-----	19	12.17. A-Board (12/18) Schematic Diagram-----	59
6.5. Local screen failure-----	20	12.18. A-Board (13/18) Schematic Diagram-----	60
7 Service Fixture & Tools	21	12.19. A-Board (14/18) Schematic Diagram-----	61
7.1. SC jig-----	21	12.20. A-Board (15/18) Schematic Diagram-----	62
8 Disassembly and Assembly Instructions	22	12.21. A-Board (16/18) Schematic Diagram-----	63
8.1. Remove the Rear cover -----	22	12.22. A-Board (17/18) Schematic Diagram-----	64
8.2. Remove the AC inlet -----	22	12.23. A-Board (18/18) Schematic Diagram-----	65
8.3. Remove the P-Board -----	22	12.24. C1-Board (1/2) Schematic Diagram -----	66
8.4. Remove the Side terminal cover and Side shield metal -----	22	12.25. C1-Board (2/2) Schematic Diagram -----	67
8.5. Remove the Tuner unit -----	23	12.26. C2-Board (1/2) Schematic Diagram -----	68
8.6. Remove the A-Board -----	23	12.27. C2-Board (2/2) Schematic Diagram -----	69
8.7. Remove the Speakers -----	23	12.28. SC-Board (1/4) Schematic Diagram -----	70
8.8. Remove the SM-Board -----	23	12.29. SC-Board (2/4) Schematic Diagram -----	71
8.9. Remove the SC-Board -----	23	12.30. SC-Board (3/4) Schematic Diagram -----	72
8.10. Remove the SS2-Board -----	24	12.31. SC-Board (4/4) Schematic Diagram -----	73
8.11. Remove the SS-Board -----	24	12.32. SS-Board (1/2) Schematic Diagram -----	74
8.12. Remove the Hanger metals and the One leg bracket -----	24	12.33. SS-Board (2/2) and SS2-Board Schematic Diagram -----	75
8.13. Remove the Cabinet mount metals-----	24	13 Printed Circuit Board	76
8.14. Remove the C1-Board -----	25	13.1. P-Board -----	76
8.15. Remove the C2-Board -----	25	13.2. K and SS2-Board -----	79
8.16. Remove the Plasma panel section from the Cabinet assy-----	25	13.3. A-Board -----	80
8.17. Remove the Contact metals -----	26	13.4. C1-Board-----	82
8.18. Remove the K-Board-----	26	13.5. C2-Board-----	83
8.19. Replace the plasma panel -----	26	13.6. SC-Board -----	84
9 Measurements and Adjustments	27	13.7. SS-Board -----	86
9.1. Adjustment-----	27	14 Exploded View and Replacement Parts List	89
10 Block Diagram	33	14.1. Exploded View and Mechanical Replacement Parts List -----	89
10.1. Main Block Diagram -----	33	14.2. Electrical Replacement Parts List -----	95
10.2. Block (1/4) Diagram -----	34		
10.3. Block (2/4) Diagram -----	35		
10.4. Block (3/4) Diagram -----	36		
10.5. Block (4/4) Diagram -----	37		
11 Wiring Connection Diagram	39		
11.1. Caution statement.-----	39		
11.2. Wiring (1)-----	39		

1 Safety Precautions

1.1. General Guidelines

1. When conducting repairs and servicing, do not attempt to modify the equipment, its parts or its materials.
2. When wiring units (with cables, flexible cables or lead wires) are supplied as repair parts and only one wire or some of the wires have been broken or disconnected, do not attempt to repair or re-wire the units. Replace the entire wiring unit instead.
3. When conducting repairs and servicing, do not twist the Faston connectors but plug them straight in or unplug them straight out.
4. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
5. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
6. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

1.1.1. Leakage Current Cold Check

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
2. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be between 1Mohm and 5.2Mohm.
When the exposed metal does not have a return path to the chassis, the reading must be ∞ .

1.1.2. Leakage Current Hot Check (See Figure 1.)

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a 1.5kohm, 10 watts resistor, in parallel with a $0.15\mu F$ capacitors, between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Figure 1.
3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reverse the AC plug in the AC outlet and repeat each of the above measurements.
6. The potential at any point should not exceed 0.75 volts RMS. A leakage current tester (Simpson Model 229 or equivalent) may be used to make the hot checks, leakage current must not exceed 1/2 milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

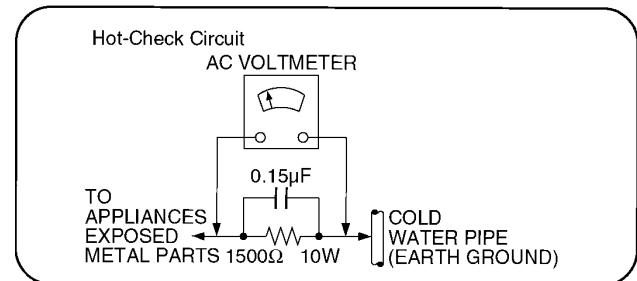


Figure 1

2 Warning

2.1. Prevention of Electrostatic Discharge (ESD) to Electrostatically Sensitive (ES) Devices

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor [chip] components. The following techniques should be used to help reduce the incidence of component damage caused by electrostatic discharge (ESD).

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static solder removal device. Some solder removal devices not classified as [anti-static (ESD protected)] can generate electrical charge sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive material).
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

Caution

Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.

8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise ham less motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity (ESD) sufficient to damage an ES device).

2.2. About lead free solder (PbF)

Note: Lead is listed as (Pb) in the periodic table of elements.

In the information below, Pb will refer to Lead solder, and PbF will refer to Lead Free Solder.

The Lead Free Solder used in our manufacturing process and discussed below is (Sn+Ag+Cu).

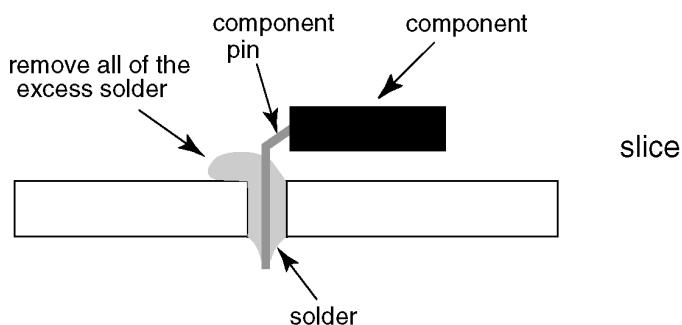
That is Tin (Sn), Silver (Ag) and Copper (Cu) although other types are available.

This model uses Pb Free solder in it's manufacture due to environmental conservation issues. For service and repair work, we'd suggest the use of Pb free solder as well, although Pb solder may be used.

PCBs manufactured using lead free solder will have the PbF within a leaf symbol **PbF** stamped on the back of PCB.

Caution

- Pb free solder has a higher melting point than standard solder. Typically the melting point is 50 ~ 70 °F (30~40 °C) higher. Please use a high temperature soldering iron and set it to 700 ± 20 °F (370 ± 10 °C).
- Pb free solder will tend to splash when heated too high (about 1100 °F or 600 °C). If you must use Pb solder, please completely remove all of the Pb free solder on the pins or solder area before applying Pb solder. If this is not practical, be sure to heat the Pb free solder until it melts, before applying Pb solder.
- After applying PbF solder to double layered boards, please check the component side for excess solder which may flow onto the opposite side. (see figure below)



Suggested Pb free solder

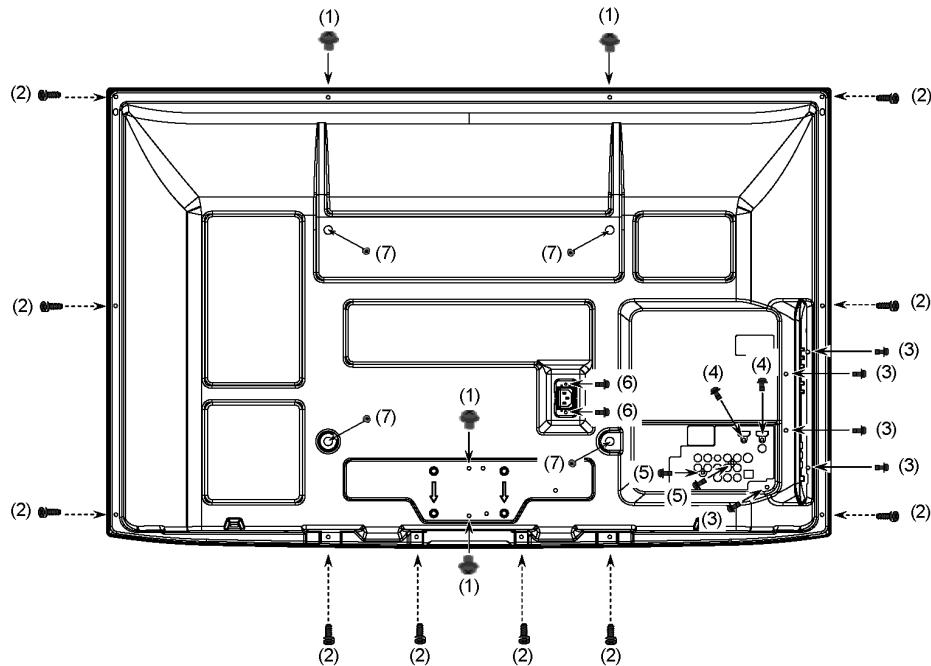
There are several kinds of Pb free solder available for purchase. This product uses Sn+Ag+Cu (tin, silver, copper) solder. However, Sn+Cu (tin, copper), Sn+Zn+Bi (tin, zinc, bismuth) solder can also be used.

0 .3mm X 100g	0 .6mm X 100g	1 .0mm X 100g

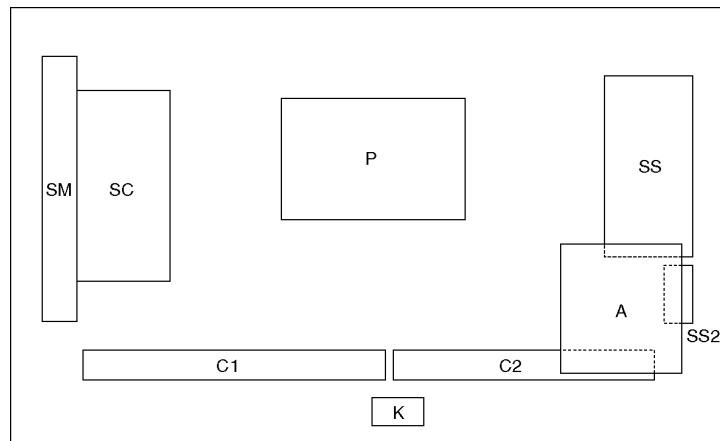
3 Service Navigation

3.1. Service Hint

Remove the Rear cover



Remove:
 4screws (1) THEL052Z
 10screws (2) XTB4+12GFJK
 5screws (3) THEL0429
 2screws (4) XSB3+6FJ
 2screws (5) XTV3+10FJK
 2screws (6) XYN3+F10FJK
 4screws (7) TKKL5493



Board Name	Function	Board Name	Function
P	Power Supply	C1	Data Driver (Lower Right)
A	DC-DC Converter, Tuner Speaker out, AV Terminal, HDMI in, SD Card Digital Signal Processor, PEAKS-LDA2 Format Converter, Plasma AI, Sub-Field Processor Power Switch, Key Switch	C2	Data Driver (Lower Left)
K	Remote receiver, Power LED, C.A.T.S. sensor	SC	Scan Drive
		SS	Sustain Drive
		SS2	Sustain out (Lower)
		SM	Scan out Non serviceable. SM-Board should be exchanged for service.

3.2. Applicable signals

* Mark: Applicable input signal for Component (Y, PB, PR) and HDMI

	horizontal frequency (kHz)	vertical frequency (Hz)	COMPONENT	HDMI	PC
525 (480) / 60i	15.73	59.94	*	*	
525 (480) /60p	31.47	59.94	*	*	
750 (720) /60p	45.00	59.94	*	*	
1,125 (1,080) /60i	33.75	59.94	*	*	
1,125 (1,080) /60p	67.43	59.94		*	
1,125 (1,080) /60p	67.50	60.00		*	
1,125 (1,080) /24p	26.97	23.98		*	
1,125 (1,080) /24p	27.00	24.00		*	
640 × 400 @70	31.47	70.08			*
640 × 480 @60	31.47	59.94			*
Macintosh13 inch (640 × 480)	35.00	66.67			*
640 × 480 @75	37.50	75.00			*
852 × 480 @60	31.44	59.89			*
800 × 600 @60	37.88	60.32			*
800 × 600 @75	46.88	75.00			*
800 × 600 @85	53.67	85.08			*
Macintosh16 inch (832 × 624)	49.73	74.55			*
1,024 × 768 @60	48.36	60.00			*
1,024 × 768 @70	56.48	70.07			*
1,024 × 768 @75	60.02	75.03			*
1,024 × 768 @85	68.68	85.00			*
Macintosh 21 inch (1,152 × 870)	68.68	75.06			*
1,280 × 768 @60	47.78	59.87			*
1,280 × 1,024 @60	63.98	60.02			*
1,366 × 768 @60	48.39	60.04			*

Note

- Signals other than those shown above may not be displayed properly.
- The above signals are reformatted for optimal viewing on your display.

4 Specifications

Power Source	AC 120 V, 60 Hz
Power Consumption	
Maximum	327 W
Standby condition	0.3 W
Plasma Display panel	
Drive method	AC type
Aspect Ratio	16:9
Visible screen size	42 inch class (41.6 inches measured diagonally)
(W × H × Diagonal)	36.2 inch × 20.4 inch × 41.6 inch (921 mm × 518 mm × 1,057 mm)
(No. of pixels)	2,073,600 (1,920 (W) × 1,080 (H))[5,760 × 1,080 dots]
Sound	
Audio Output	20 W [10 W + 10 W] (10 % THD)
PC signals	
	VGA, SVGA, XGA, WXGA, SXGA
	Horizontal scanning frequency 31 - 69 kHz
	Vertical scanning frequency 59 - 86 Hz
Channel Capability (Digital/Analog)	
Operating Conditions	
	Temperature: 32 °F - 104 °F (0 °C - 40 °C)
	Humidity: 20 % - 80 % RH (non-condensing)
Connection Terminals	
VIDEO IN 1-2	VIDEO: RCA PIN Type × 1 1.0 V [p-p] (75 Ω)
	AUDIO L-R: RCA PIN Type × 2 0.5 V [rms]
COMPONENT IN 1-2	Y: 1.0 V [p-p] (including synchronization)
	PB, PR: ±0.35 V [p-p]
	AUDIO L-R: RCA PIN Type × 2 0.5 V [rms]
HDMI 1-3	TYPE A Connector × 3
	This TV supports [HDAVI Control 5] function.
USB 1-2	USB 2.0 Type A connector × 2
PC	D-SUB 15PIN: R,G,B / 0.7 V [p-p] (75 Ω) HD, VD / 1.0 - 5.0 V [p-p] (high impedance)
LAN (for VIERA CAST IPTV)	RJ45 (10BASE-T/100BASE-TX)
Card slot	SD CARD slot × 1
DIGITAL AUDIO OUT	PCM / Dolby Digital, Fiber Optic
FEATURES	
	3D Y/C FILTER
	CLOSED CAPTION V-Chip
	IPTV (VIERA CAST) Media player
	VIERA IMAGE VIEWER HDAVI Control 5
Dimensions (W × H × D)	
Including pedestal	40.6 inch × 27.3 inch × 12.2 inch (1,029 mm × 693 mm × 308 mm)
TV Set only	40.6 inch × 25.8 inch × 3.5 inch (1,029mm × 654 mm × 88 mm)
Mass	
Including pedestal	51.9 lb. (23.5 kg)
TV Set only	45.2 lb. (20.5 kg)

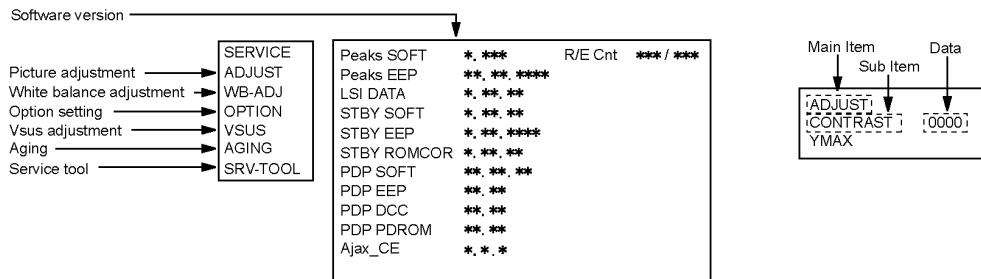
Note

- Design and Specifications are subject to change without notice. Mass and Dimensions shown are approximate.

5 Service Mode

5.1. How to enter into Service Mode

While pressing [VOLUME (-)] button of the main unit, press [INFO] button of the remote control three times within 2 seconds.



5.1.1. Key command

- [1] button...Main items Selection in forward direction
- [2] button...Main items Selection in reverse direction
- [3] button...Sub items Selection in forward direction
- [4] button...Sub items Selection in reverse direction
- [VOL] button...Value of sub items change in forward direction (+), in reverse direction (-)

5.1.2. Contents of adjustment mode

- Value is shown as a hexadecimal number.
- Preset value differs depending on models.
- After entering the adjustment mode, take note of the value in each item before starting adjustment.

Main item	Sub item	Sample Data	Remark
ADJUST	CONTRAST	46	
	COLOR	00	
	TINT	00	
	SUB-BRT	000	
WB-ADJ	R-CUT	80	
	G-CUT	80	
	B-CUT	80	
	R-DRV	FD	
	G-DRV	FB	
	B-DRV	FF	
	ALL-CUT	80	
	ALL-DRV	FF	
OPTION	BOOT	ROM	Factory Preset
	STBY-SET	--	
	EMERGENCY	ON	
	CLK MODE	ON	
	CLOCK	FFF	
	EDID-CLK	HIGH	
VSUS	MIRROR	00 (See next)	
AGING	ALL WHITE		Built-in test patterns can be displayed.
	AI ALL BLUE + WHITE FLAME		
	AI ALL GREEN		
	AI ALL RED		
	LOW STEP WHITE		
	LOW STEP BLUE		
	LOW STEP GREEN		
	LOW STEP RED		
	RAMP WHITE		
	RAMP RED		
	RAMP GREEN		
	RAMP BLUE		
	A-ZONE B-ZONE		
	1% WINDOW		
	COLOR BAR		
	9 POINT BRIGHTNESS		
	WHITE FLAME		
	AI ALL BLUE		
	TWICE FIXATION 1% WINDOW		
	SCROLL		
	ON/OFF OR RGBW		
	R/G/B/W AGING MODE		
	0.5 TIME FIXATION ALL WHITE		
	ALL WHITE WITH COUNT		
SRV-TOOL	-		See next

5.1.3. How to exit

Switch off the power with the [POWER] button on the main unit or the [POWER] button on the remote control.

5.2. Option - Mirror

Picture can be reversed left and right or up and down.

00 : Default (Normal picture is displayed)

01 : Picture is reversed left and right.

02 : Picture is reversed up and down.

00



01



02



Hint : If the defective symptom (e.g. Vertical bar or Horizontal bar) is moved by selection of this mirror, the possible cause is in A-board.

5.3. Service tool mode

5.3.1. How to access

1. Select [SRV-TOOL] in Service Mode.
2. Press [OK] button on the remote control.

SRV-TOOL	
Display of TD2Microcode version →	TD2Microcode:81c0000e
Display of Flash ROM maker code →	Flash ROM : 1 - 227E
Display of SOS History →	PTCT : 00 . 00 . 00 . 00 . 00 Time 00000:40 Count 01
← POWER ON TIME/COUNT Press [MUTE] button (3sec)	

5.3.2. Display of SOS History

SOS History (Number of LED blinking) indication.

From left side; Last SOS, before Last, three occurrence before, 2nd occurrence after shipment, 1st occurrence after shipment.

This indication except 2nd and 1st occurrence after shipment will be cleared by [Self-check indication and forced to factory shipment setting].

5.3.3. POWER ON TIME/COUNT

Note : To display TIME/COUNT menu, highlight position, then press MUTE for (3sec).

Time : Cumulative power on time, indicated hour : minute by decimal

Count : Number of ON times by decimal

Note : This indication will not be cleared by either of the self-checks or any other command.

5.3.4. Exit

1. Disconnect the AC cord from wall outlet.

5.4. Hotel mode

1. Purpose

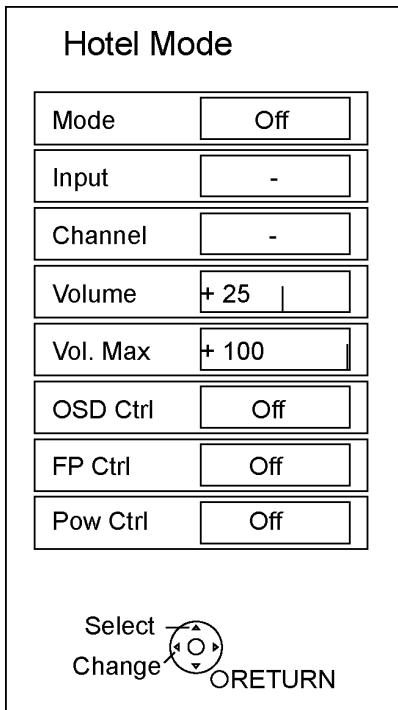
Restrict a function for hotels.

2. Access command to the Hotel mode setup menu

In order to display the Hotel mode setup menu, please enter the following command (**within 2 second**).

[TV] : Vol. [Down] + [REMOTE] : INPUT (3 times)

Then, the Hotel mode setup menu is displayed.



item	Function
Mode	Select hotel mode ON/OFF
Input	Select input signal modes. Set the input, when each time power is switched on. Selection: ---/RF/HDMI1/HDMI2/HDMI3/COMP1/ COMP2/VIDEO1/VIDEO2/PC • OFF: give priority to a last memory.
Channel	Select channel when input signal is RF. Set the channel, each time power is switched on. Selection: Any channel number or [-]. [-] means the channel when turns off.
Volume	Adjust the volume when each time power is switched on. Range: 0 to 100
Vol. Max	Adjust maximum volume. Range: 0 to 100
OSD Ctrl	Restrict the OSD. Selection: OFF/PATTERN1 • OFF: No restriction • PATTERN1: restriction
FP Ctrl	Select front key conditions. Selection: OFF/PATTERN1/ALL • OFF: altogether valid. • PATTERN1: only input key is valid. • ALL: altogether invalid.
Pow Ctrl	Select POWER-ON/OFF condition when AC power cord is disconnected and then connected. OFF: The same condition when AC power cord is disconnected. ON: Forced power ON condition.

3. To exit the Hotel mode setup menu

Disconnect AC power cord from wall outlet.

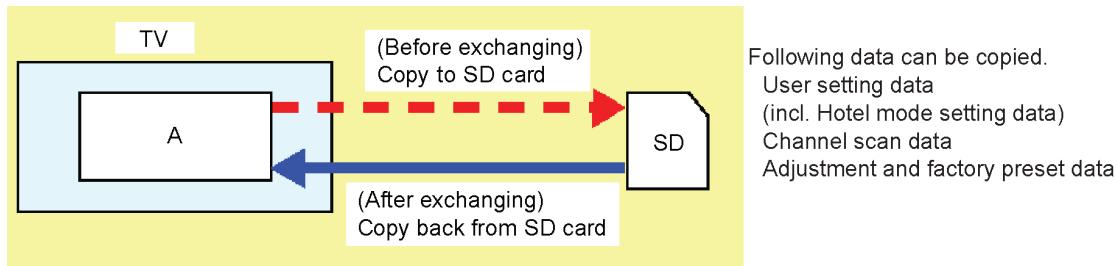
4. Explain the Hotel mode setup menu

5.5. Data Copy by SD Card

5.5.1. Purpose

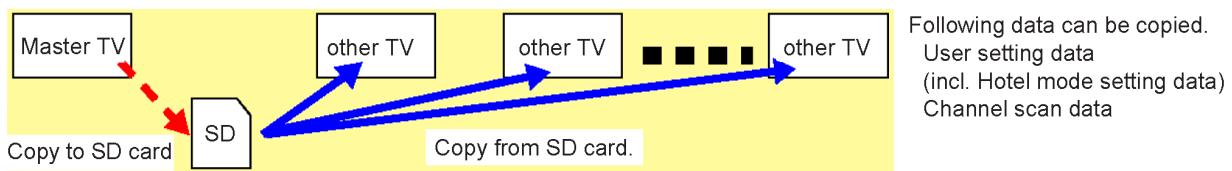
(a) Board replacement (Copy the data when exchanging A-board):

When exchanging A-board, the data in original A-board can be copied to SD card and then copy to new A-board.



(b) Hotel (Copy the data when installing a number of units in hotel or any facility):

When installing a number of units in hotel or any facility, the data in master TV can be copied to SD card and then copy to other TVs.



5.5.2. Preparation

Make pwd file as startup file for (a) or (b) in a empty SD card.

1. Insert a empty SD card to your PC.
2. Right-click a blank area in a SD card window, point to New, and then click text document. A new file is created by default (New Text Document.txt).
3. Right-click the new text document that you just created and select rename, and then change the name and extension of the file to the following file name for (a) or (b) and press ENTER.

File name:

- (a) For Board replacement : boardreplace.pwd
- (b) For Hotel : hotel.pwd

Note:

Please make only one file to prevent the operation error.

No any other file should not be in SD card.

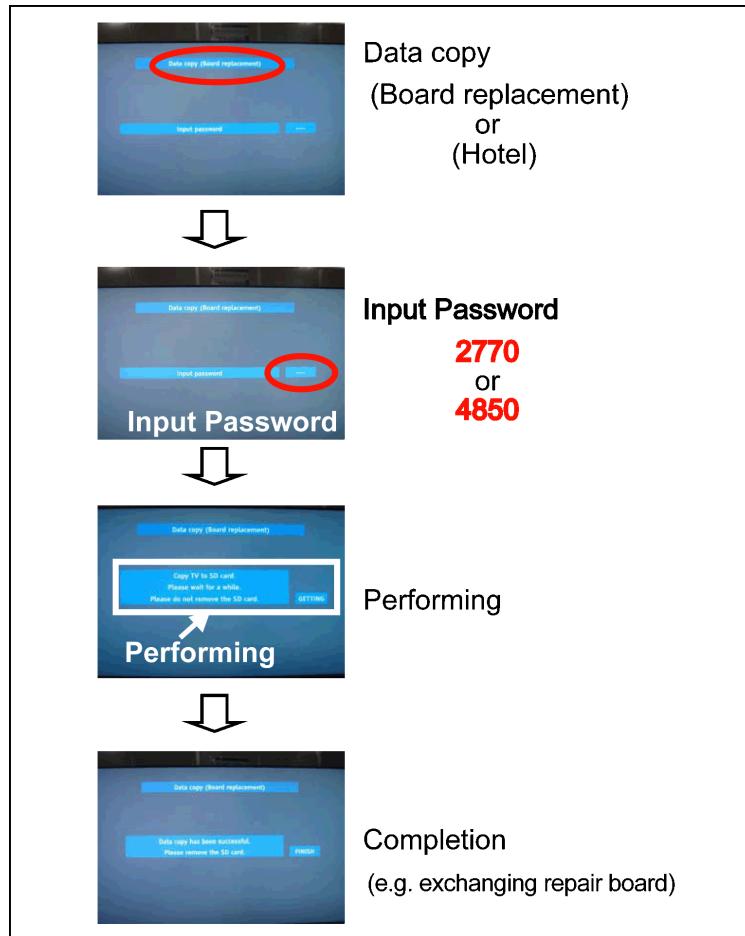
5.5.3. Data copy from TV set to SD Card

1. Turn on the TV set.
2. Insert SD card with a startup file (pwd file) to SD slot.
On-screen Display will be appeared according to the startup file automatically.
3. Input a following password for (a) or (b) by using remote control.
 - (a) For Board replacement : 2770
 - (b) For Hotel : 4850
- Data will be copied from TV set to SD card.
It takes around 2 to 6 minutes maximum for copying.
4. After the completion of copying to SD card, remove SD card from TV set.
5. Turn off the TV set.

Note:

Following new folder will be created in SD card for data from TV set.

- (a) For Board replacement : user_setup
- (b) For Hotel : hotel

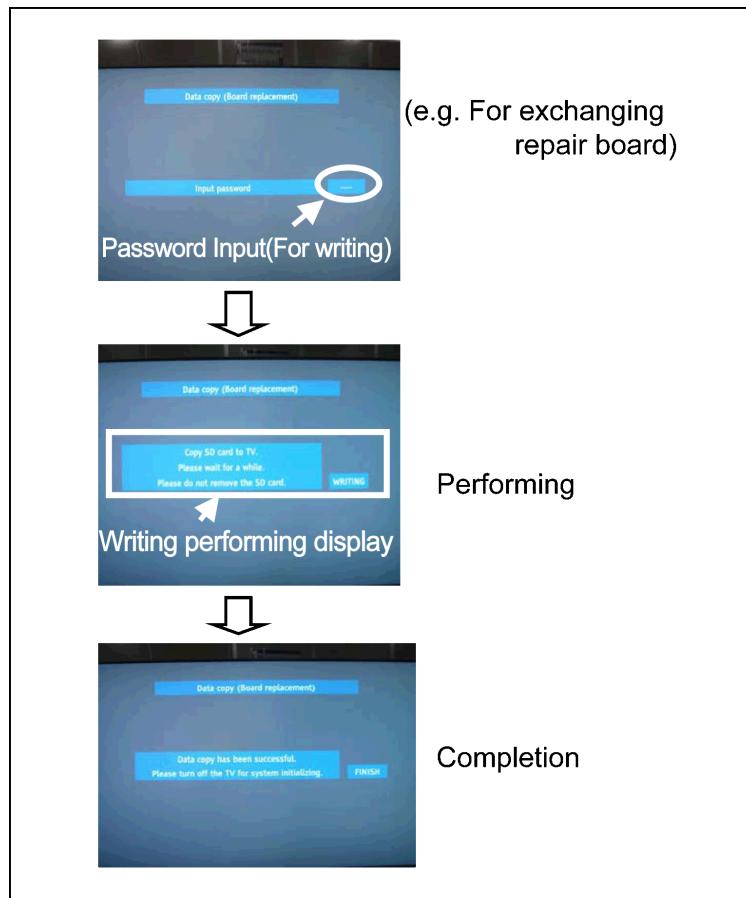


5.5.4. Data copy from to SD Card to TV set

1. Turn on the TV set.
2. Insert SD card with Data to SD slot.
On-screen Display will be appeared according to the Data folder automatically.
3. Input a following password for (a) or (b) by using remote control.
 - (a) For Board replacement : 2771
 - (b) For Hotel : 4851
- Data will be copied from SD card to TV set.
4. After the completion of copying to SD card, remove SD card from TV set.
 - (a) For Board replacement : Data will be deleted after copying (Limited one copy).
 - (b) For Hotel : Data will not be deleted and can be used for other TVs.
5. Turn off the TV set.

Note:

1. Depending on the failure of boards, function of Data copy for board replacement does not work.
2. This function can be effective among the same model numbers.



6 Troubleshooting Guide

Use the self-check function to test the unit.

1. Checking the IIC bus lines
2. Power LED Blinking timing

6.1. Check of the IIC bus lines

6.1.1. How to access

Self-check indication only:

Produce TV reception screen, and while pressing [VOLUME (-)] button on the main unit, press [OK] button on the remote control for more than 3 seconds.

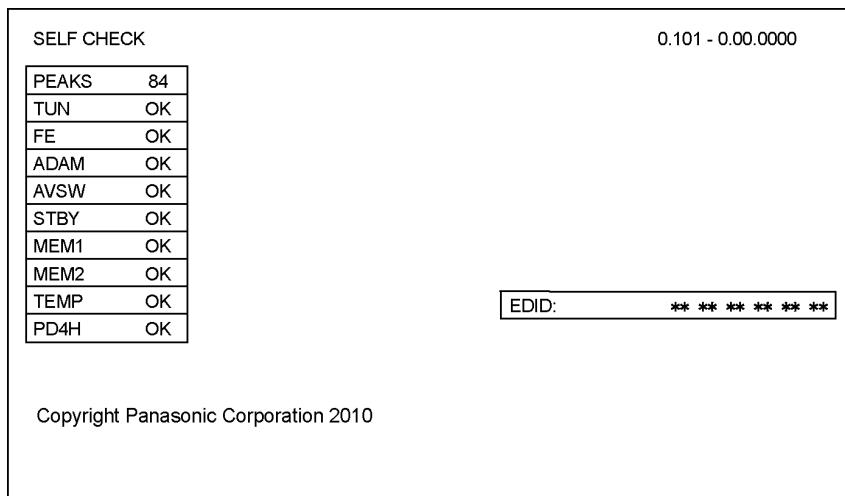
Self-check indication and forced to factory shipment setting:

Produce TV reception screen, and while pressing [VOLUME (-)] button on the main unit, press [MENU] button on the remote control for more than 3 seconds.

6.1.2. Exit

Disconnect the AC cord from wall outlet.

6.1.3. Screen display



6.1.4. Check Point

Confirm the following parts if NG was displayed.

DISPLAY	Ref. No.	Description	P.C.B.
PEAKS	IC8001	PEAKS-LDA2	A-Board
TUN	TU8300	TUNER	A-Board
FE	IC8300	FRONT END PROCESSOR	A-Board
ADAM	IC8001	PEAKS-LDA2 (A-chip)	A-Board
AVSW	IC3001	AUDIO/VIDEO SW	A-Board
STBY	IC1100	SYSTEM MPU (GenX8)	A-Board
MEM1	IC1101	EEPROM (MPU)	A-Board
MEM2	IC8502	EEPROM (PEAKS-LDA2)	A-Board
TEMP	IC4800	TEMP SENSOR	A-Board
PD4H	IC9300	PD4H	A-Board

6.2. Power LED Blinking timing chart

1. Subject

Information of LED Flashing timing chart.

2. Contents

When an abnormality has occurred the unit, the protection circuit operates and reset to the stand by mode. At this time, the defective block can be identified by the number of blinks of the Power LED on the front panel of the unit.

Blinking Times	Blinking timing	Contents	Check point
1		Unknown SOS	-
		Panel information SOS PD4 Start SOS	-
2		15V SOS	A-Board
3		3.3V SOS	A-Board
4		Power SOS	P-Board
5		5V SOS	A-Board
6		Driver SOS1 (SC Energy recovery circuit) (A-SC FPC DET)	SC-Board A-SC FPC
7		Driver SOS2 (SM Connector DET) (SM Scan and Logic IC)	SM-Board *
8		Driver SOS3 (SS FPC DET) (SS Energy recovery circuit)	SS-Board SS2-Board
9		Discharge Control SOS	A-Board
10		Sub 5V SOS Sub 3.3V SOS Sub 9V SOS Tuner Power SOS	A-Board SC-Board SS-Board P-Board
11		Fan SOS	A-Board Fan
12		Sound SOS	A-Board Speaker

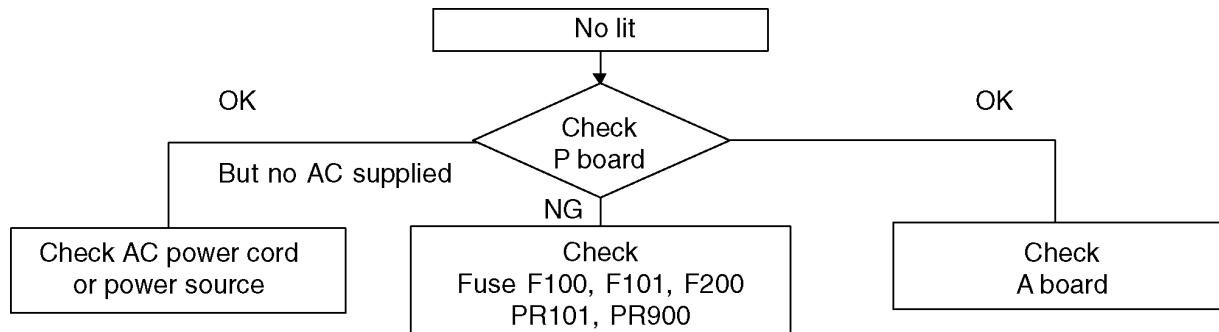
*Use SC jig to isolate the board.

6.3. No Power

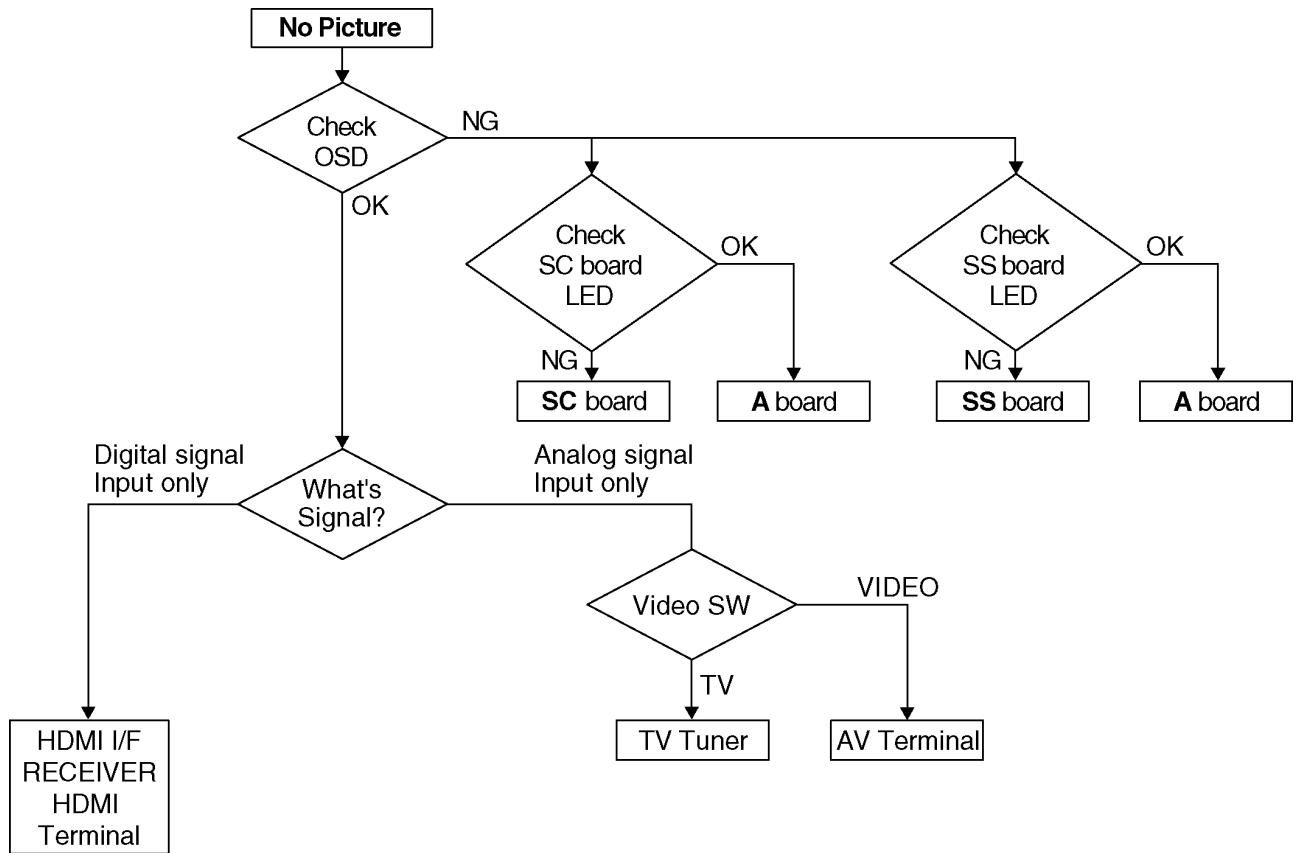
First check point

There are following 2 states of No Power indication by power LED.

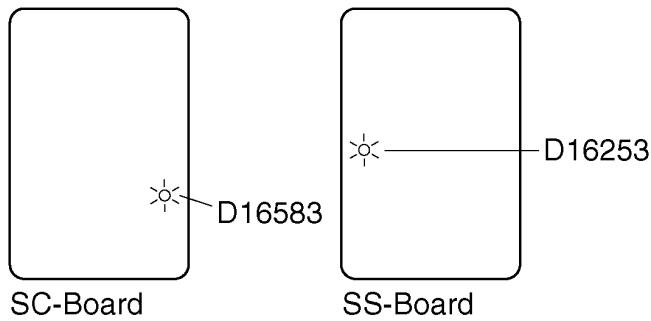
1. No lit
2. Red is lit then turns red blinking a few seconds later. (See 6.2.)



6.4. No Picture



Drive circuits LED indicator



6.5. Local screen failure

Plasma display may have local area failure on the screen. Fig-1 is the possible defect P.C.B. for each local area.

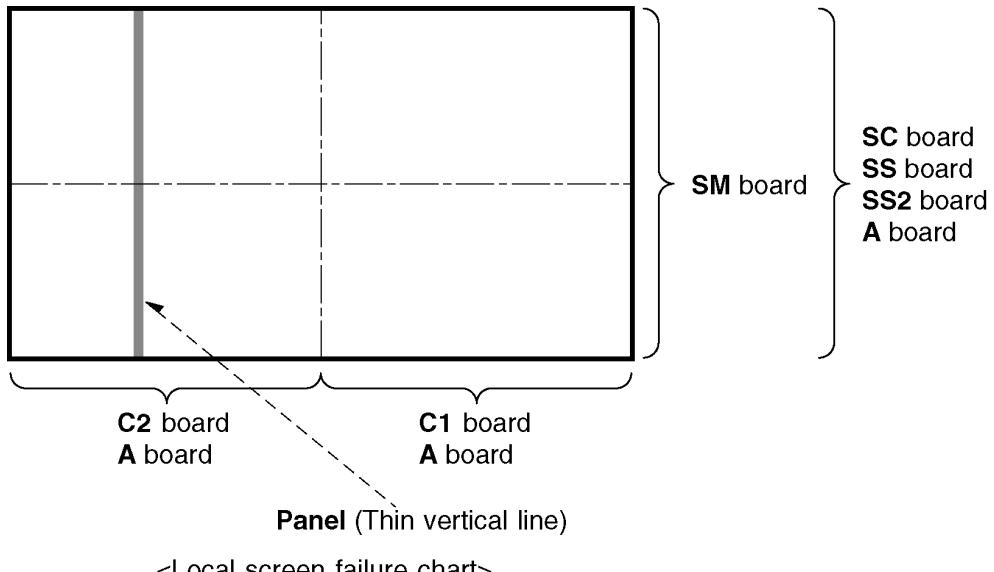


Fig-1

7 Service Fixture & Tools

7.1. SC jig

Purpose:

To find the failure board (SC or SM) when the power LED is blinking 7 times.

SC jig:

Jumper connector to connect to SC50 connector on SC board

Part number:

TZSC09187

How to use:

Caution: Remove SC jig from SC board after inspection.

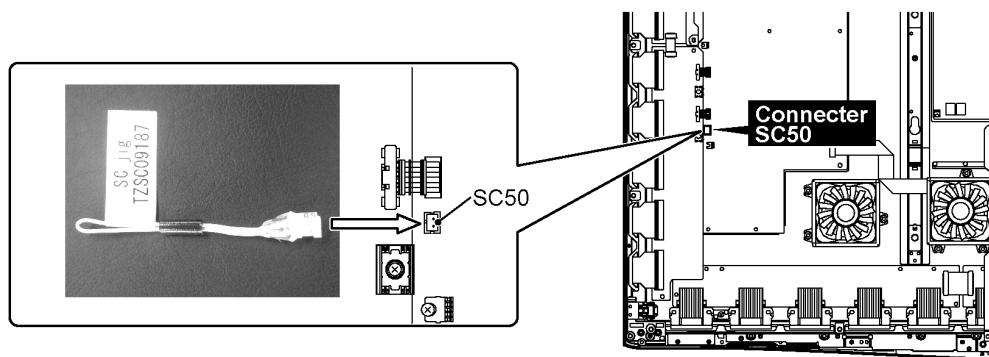
1. Remove all connector between SC board and SM board to isolate SC board from SM board electrically.
2. Connect SC jig to connector SC50 at left bottom side of SC board
3. Turn on the TV/Display Unit and confirm the power LED blinking.

LED blinking: Possible cause of failure is in SC board

No LED blinking (Lighting or no lighting): Possible cause of failure is in SM board

4. After inspection, turn off the TV/Display Unit and wait a few minutes to discharge.
5. Remove SC jig from SC board.

Remark: This SC jig can be used for all 2010 Plasma TV and Plasma Display.



8 Disassembly and Assembly Instructions

8.1. Remove the Rear cover

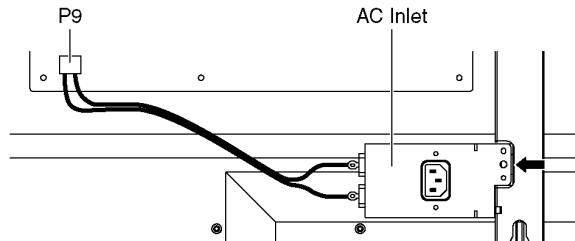
1. See Service Hint (Section 3)

8.2. Remove the AC inlet

Caution:

To remove P.C.B. wait 1 minute after power was off for discharge from electrolysis capacitors.

1. Unlock the cable clampers to free the cable.
2. Disconnect the connector (P9).
3. Remove the screw ($\times 1 \rightarrow$) and remove the AC inlet.

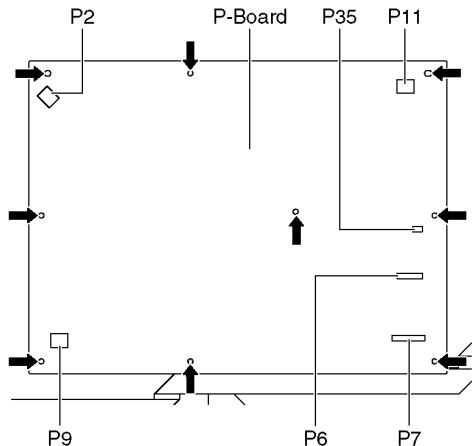


8.3. Remove the P-Board

Caution:

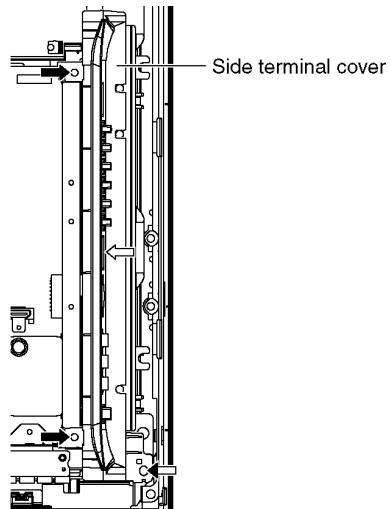
To remove P.C.B. wait 1 minute after power was off for discharge from electrolysis capacitors.

1. Unlock the cable clampers to free the cable
2. Disconnect the connectors (P2, P6, P7, P9, P11 and P35).
3. Remove the screws ($\times 9 \rightarrow$) and remove the P-Board.

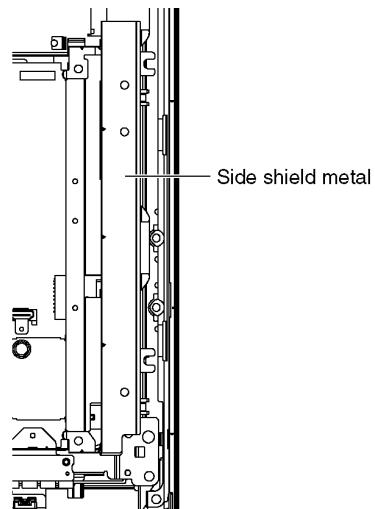


8.4. Remove the Side terminal cover and Side shield metal

1. Remove the screws ($\times 2 \rightarrow$, $\times 1 \square$, $\times 1 \square$).
2. Remove the Side terminal cover.

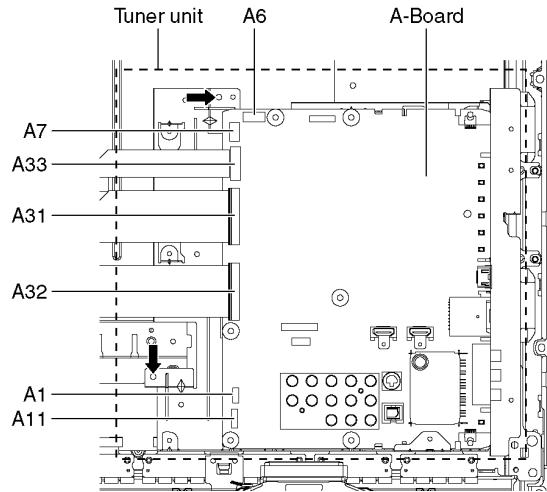


3. Remove the Side shield metal.



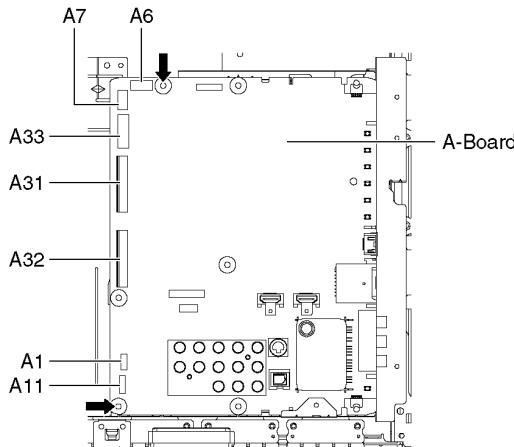
8.5. Remove the Tuner unit

1. Unlock the cable clamps to free the cable.
2. Disconnect the connectors (A1, A6, A7 and A11).
3. Disconnect the flexible cables (A31, A32 and A33).
4. Remove the screws ($\times 2 \rightarrow$) and remove the Tuner unit.



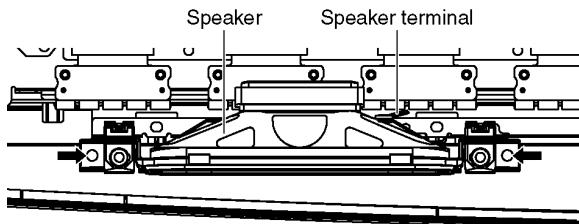
8.6. Remove the A-Board

1. Remove the Tuner unit. (See section 8.5.)
2. Remove the screws ($\times 2 \rightarrow$) and remove the A-Board.



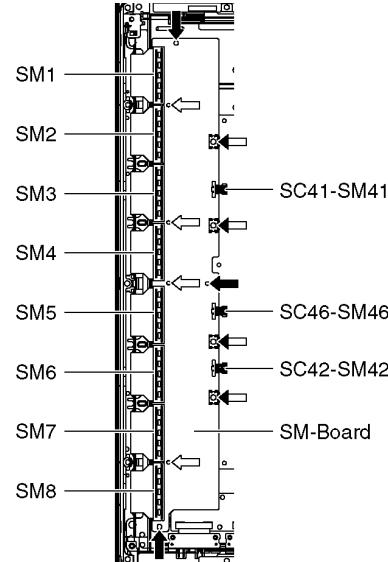
8.7. Remove the Speakers

1. Unlock the cable clamps to free the cable.
2. Disconnect the Speaker terminal.
3. Remove the screws ($\times 2 \rightarrow$ each) and remove the Speakers (L, R).



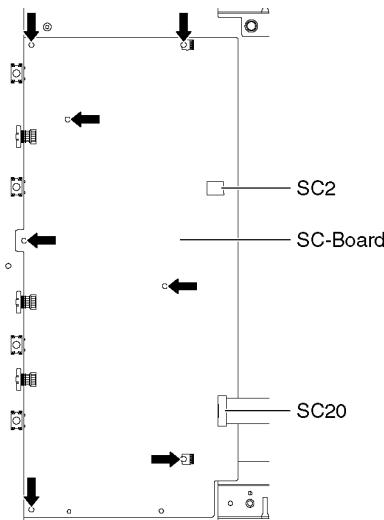
8.8. Remove the SM-Board

1. Remove the flexible cables (SM1, SM2, SM3, SM4, SM5, SM6, SM7 and SM8) connected to the SM-Board.
2. Remove the bridge connectors (SC41-SM41, SC42-SM42 and SC46-SM46).
3. Remove the molding props ($\times 4 \rightarrow$).
4. Remove the screws ($\times 3 \rightarrow$, $\times 4 \rightarrow$) and remove the SM-Board.



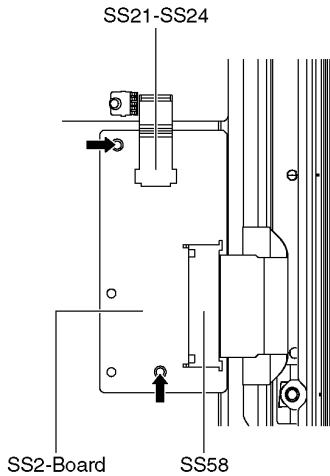
8.9. Remove the SC-Board

1. Remove the SM-Board. (See section 8.8.)
2. Disconnect the connector (SC2).
3. Disconnect the flexible cable (SC20).
4. Remove the screws ($\times 7 \rightarrow$) and remove the SC-Board.



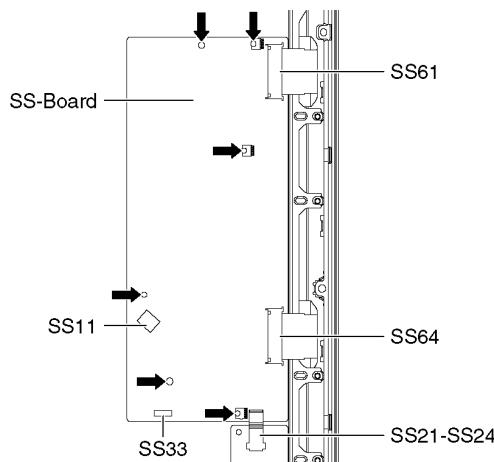
8.10. Remove the SS2-Board

1. Remove the Tuner unit. (See section 8.5.)
2. Disconnect the bridge connector (SS21-SS24) and disconnect the flexible cable (SS58).
3. Remove the screws ($\times 2 \rightarrow$) and remove the SS2-Board.



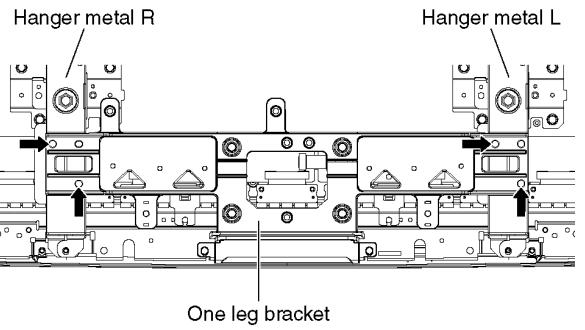
8.11. Remove the SS-Board

1. Remove the Tuner unit. (See section 8.5.)
2. Unlock the cable clamps to free the cable.
3. Disconnect the connectors (SS11 and SS33).
4. Disconnect the flexible cables (SS61 and SS64).
5. Disconnect the bridge connector (SS21-SS24).
6. Remove the screws ($\times 6 \rightarrow$) and remove the SS-Board.

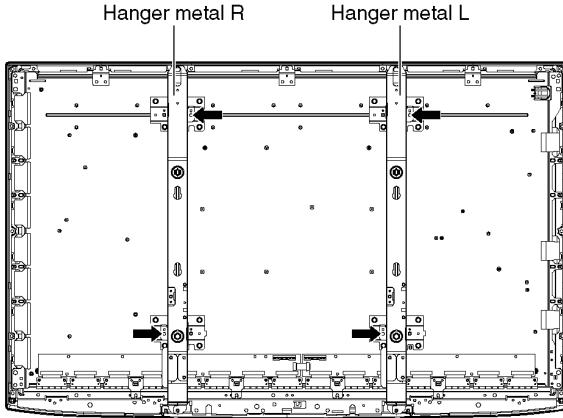


8.12. Remove the Hanger metals and the One leg bracket

1. Remove the Plasma panel section from the servicing stand and lay on a flat surface such as a table (covered by a soft cloth) with the Plasma panel surface facing downward.
2. Remove the One leg bracket fastening screws ($\times 4 \rightarrow$ each) and the One leg bracket.

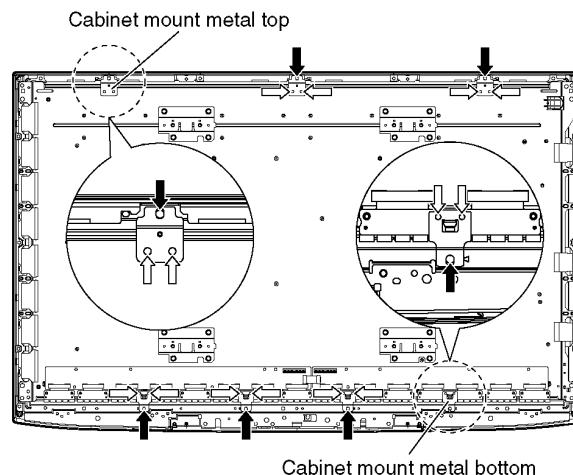


3. Remove the Hanger metals (L, R) fastening screws ($\times 2 \rightarrow$ each) and remove the Hanger metals (L, R).



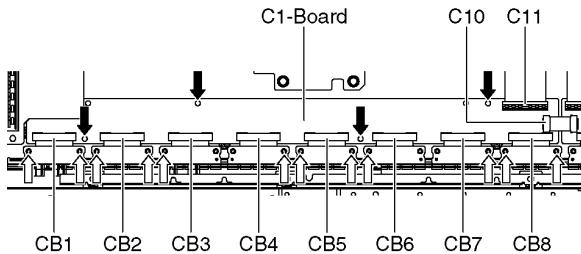
8.13. Remove the Cabinet mount metals

1. Remove the One leg bracket. (See section 8.12.)
2. Remove the Cabinet mount metals fastening screws ($\times 7 \rightarrow$, $\times 14 \rightarrow$) and remove the cabinet mount metal top and the Cabinet mount metal bottom.



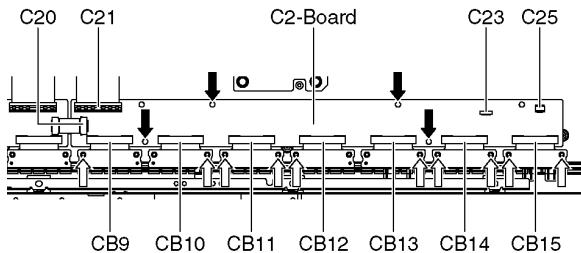
8.14. Remove the C1-Board

1. Remove the Hanger metal R and the One leg bracket. (See section 8.12.)
2. Remove the Cabinet mount metal bottom (See section 8.13.).
3. Remove the flexible cables holder fastening screws ($\times 12 \Rightarrow$).
4. Disconnect the flexible cables (CB1, CB2, CB3, CB4, CB5, CB6, CB7 and CB8).
5. Disconnect the flexible cables (C10 and C11).
6. Remove the screws ($\times 4 \Rightarrow$) and remove the C1-Board.



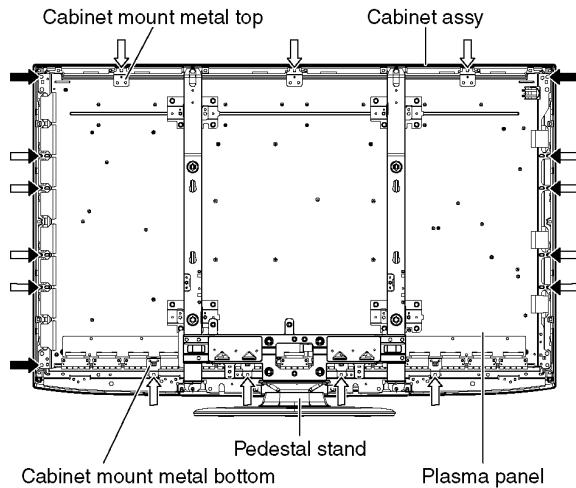
8.15. Remove the C2-Board

1. Remove the Tuner unit. (See section 8.5.)
2. Remove the Hanger metal L and the One leg bracket. (See section 8.12.)
3. Remove the Cabinet mount metal bottom. (See section 8.13.)
4. Remove the flexible cables holder fastening screws ($\times 10 \Rightarrow$).
5. Disconnect the flexible cables (CB9, CB10, CB11, CB12, CB13, CB14 and CB15).
6. Disconnect the flexible cables (C20 and C21).
7. Disconnect the connectors (C23 and C25).
8. Remove the screws ($\times 4 \Rightarrow$) and remove the C2-Board.

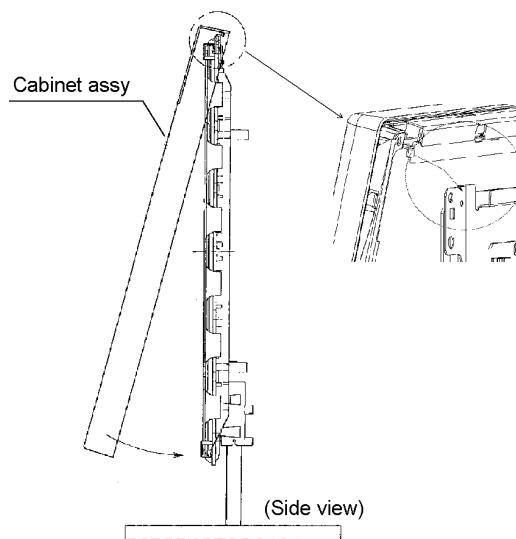


8.16. Remove the Plasma panel section from the Cabinet assy

1. Remove the cabinet mount metals fastening screws ($\times 7 \Rightarrow$).
2. Remove the cabinet assy and the plasma panel fastening screws ($\times 3 \Rightarrow$, $\times 8 \Rightarrow$).

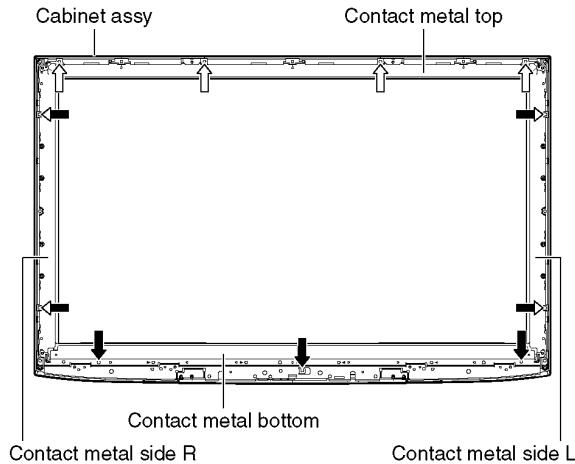


3. For leaving the plasma panel from the front frame, pull the bottom of the cabinet assy forward, lift, and remove.



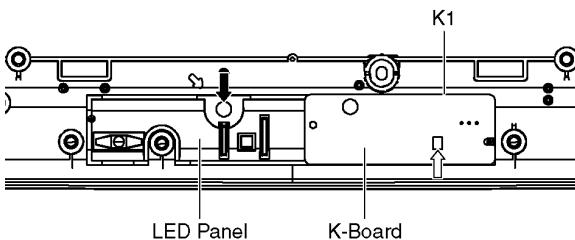
8.17. Remove the Contact metals

1. Remove the Cabinet assy. (See section 8.16.)
2. Remove the screws ($\times 4 \Rightarrow$).
3. Remove the Contact metal top.
4. Remove the screws ($\times 3 \Rightarrow$).
5. Remove the Contact metal bottom.
6. Remove the screws ($\times 4 \Rightarrow$).
7. Remove the Contact metal side (L, R).



8.18. Remove the K-Board

1. Remove the Contact metal bottom. (See section 8.17.)
2. Remove the screw ($\times 1 \Rightarrow$).
3. Remove the claw ($\times 1 \Rightarrow$).
4. Disconnect the connector (K1) and Remove the K-Board from LED Panel.



8.19. Replace the plasma panel

Caution:

A new plasma panel itself without Hanger metals is fragile.

To avoid the damage to new plasma panel, carry a new plasma panel taking hold of the Hanger metals after assembling the Hanger metals and the One leg bracket.

1. Place a carton box packed a new plasma panel on the flat surface of the work bench.
2. Open a box and without taking a new plasma panel; Attach the C1-Board and the C2-Board, connect the flexible cables from the plasma panel to the C1-Board and the C2-Board, and fit the flexible cable holders.
3. Attach the Hanger metals and the One leg bracket to the new plasma panel.
4. Place the plasma panel on the servicing stand taking hold of the Hanger metals.
5. Attach the cabinet assy and each P.C.Board and so on, to the new plasma panel.

*When fitting the cabinet assy, be careful not to allow any debris, dust or handling residue to remain between the front glass and plasma panel.

9 Measurements and Adjustments

9.1. Adjustment

9.1.1. Vsus selection

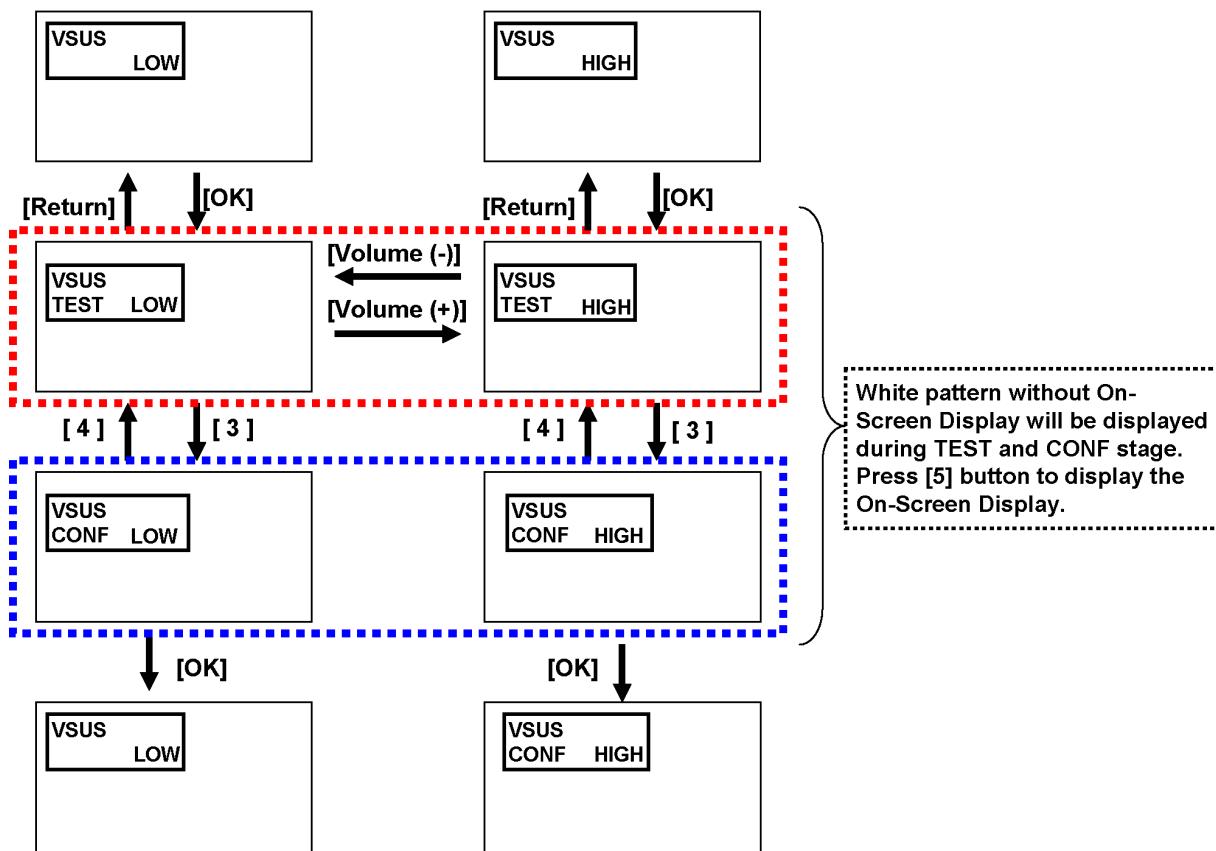
Caution:

When Plasma panel or A-board is replaced, Vsus should be set to LOW or HIGH.

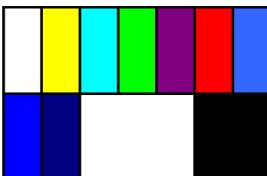
Procedure

1. Go into main item [VSUS] in Service Mode. LOW or HIGH will be displayed.
2. Press [OK] button to go to TEST stage.
White pattern without On-Screen Display will be displayed during TEST and CONF stage. Press [5] button to display the On-Screen Display.
3. Press [VOL (-)] button to set to LOW.
4. In LOW setting
 - a. If no several dead pixel is visible remarkably in white pattern, press [3] button to go to CONF stage.
 - b. If the several dead pixels are visible remarkably in white pattern, Set to HIGH by press [VOL (+)] button. Press [3] button to go to CONF stage if the symptom is improved.
5. Press [OK] button in CONF stage to store LOW or HIGH.
6. Exit Service Mode by pressing [Power] button.

Vsus selection in Service mode



9.1.2. RF video sub contrast adjustment

Name of measuring instrument	Remarks										
1. REMOTE TRANSMITTER 2. RF analog signal (Sprit color bar. The pattern must contain 100% white part.)											
Procedure	Remarks										
1. Receive the sprit color bar with RF analog signal. (ASPECT FULL, Picture menu: Vivid) 2. Enter Service mode menu, and select ADJUST -- CONTRAST. Pushing the remote controller [OK] key for about 3 seconds, GAIN is suited to the adjustment value automatically.											
 <p style="text-align: center;">(The Sprit Color Bar Pattern)</p>											
EEPROM address (DTVSOC)											
<table border="1"> <thead> <tr> <th></th> <th></th> <th>adr</th> <th>data</th> </tr> </thead> <tbody> <tr> <td rowspan="2">sub_contrast</td> <td rowspan="2">RF_NTSC</td> <td>0150</td> <td>46</td> </tr> <tr> <td>0151</td> <td>00</td> </tr> </tbody> </table>				adr	data	sub_contrast	RF_NTSC	0150	46	0151	00
		adr	data								
sub_contrast	RF_NTSC	0150	46								
		0151	00								

9.1.3. White balance adjustment

Name of measuring instrument	Remarks
Color analyzer (Minolta CA-100 or equivalent)	
<p>Note: The CA-100 which was calibrated to less than +-0.001 with CS-1000.</p> <p>• Make sure the front panel to be used on the final set is fitted. • Make sure a color signal is not being shown before adjustment. • Put the color analyzer where there is little color variation.</p> <ol style="list-style-type: none"> 1. Set to Service mode, WB-ADJ. 2. Select [VIVID] for picture menu. 3. Select [Cool] for color temperature. 4. Push [5] key of remote controller to display window pattern. 5. Confirm the brightness. The following is the confirmation value. TC-P42G25 200cd/m² 6. Select [Cinema] for picture menu. 7. Select [Warm] for color temperature. 8. Set [R-CUT] [G-CUT] [B-CUT] the values written in table 1. 9. Attach the sensor of color analyzer to the center of window pattern. 10. Fix G drive at C0h and adjust [B-DRV] and [R-DRV] so x, y value of color analyzer become the [Color temperature Low] in table 2. 11. Increase RGB together so the maximum drive value in RGB becomes [FF]. That is, set [ALL DRIVE] to [FF]. Execute adjustment again. When that, the maximum value of R/G/B DRV should be [FF], and either R/G/B DRV should be [FF]. 12. The average of the adjusted values in color temperature Cool, Mid, and Warm is shown in Table 4. The setting value for color temperature Cool will be calculated by multiplying the adjusted value of color temperature Warm to the ratio of the value of Warm and Cool in each GBR value in Table 4. Write that values to the data area of color temperature Cool in EEPROM (Table 3). 13. The setting value for color temperature Mid will be calculated by multiplying the adjusted value of color temperature Mid to the ratio of the value of Warm and Mid in each GBR value in Table 4. Write that values to the data area of color temperature Mid in EEPROM. 14. Select [VIVID] for picture menu when you check the adjusted data of Cool and Normal. 	<p>Note : Adjusted value must be written to both SD data area and HD data area of the EEPROM.</p>

Table 1: R-CUT,G-CUT,B-CUT setting data

Color temperatur	R-CUT	G-CUT	B-CUT
High(Cool)	80	80	80
Mid	80	80	80
Low(Warm)	7E	80	83

Table 2: W/B adjustment values

Color temperature	x	y
High(Cool)	0.276	0.280
Mid	0.288	0.303
Low(Warm)	0.313	0.329

Table 3: EEPROM data addresses

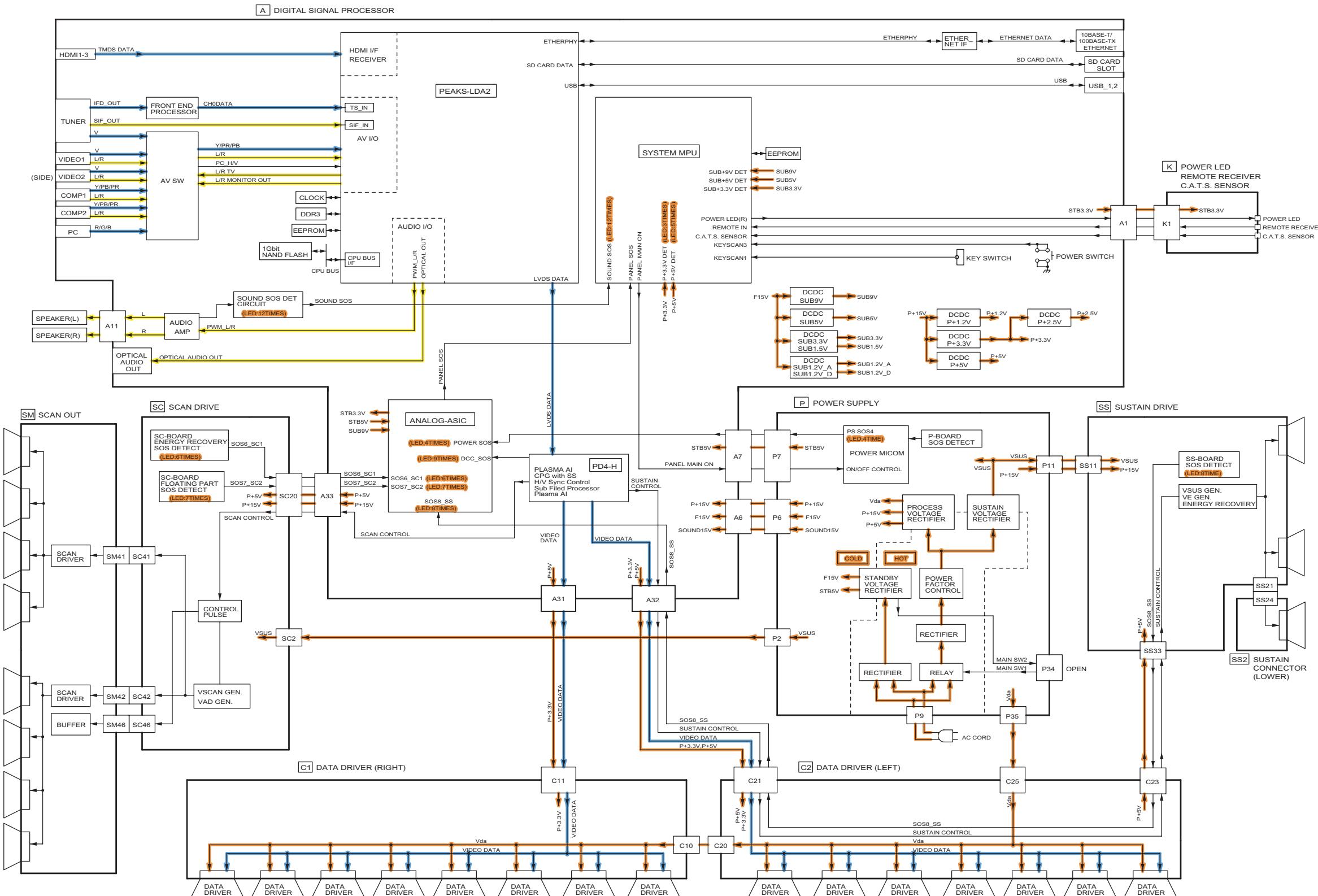
SD Color temperatur High	R-CUTOFF G-CUTOFF B-CUTOFF R-DRIVE G-DRIVE B-DRIVE	017C 017D 017E 017F 0180 0181
SD Color temperatur Mid	R-CUTOFF G-CUTOFF B-CUTOFF R-DRIVE G-DRIVE B-DRIVE	0182 0183 0184 0185 0186 0187
SD Color temperatur Low	R-CUTOFF G-CUTOFF B-CUTOFF R-DRIVE G-DRIVE B-DRIVE	0188 0189 018A 018B 018C 018D
HD Color temperatur High	R-CUTOFF G-CUTOFF B-CUTOFF R-DRIVE G-DRIVE B-DRIVE	018E 018F 0190 0191 0192 0193
HD Color temperatur Mid	R-CUTOFF G-CUTOFF B-CUTOFF R-DRIVE G-DRIVE B-DRIVE	0194 0195 0196 0197 0198 0199
HD Color temperatur Low	R-CUTOFF G-CUTOFF B-CUTOFF R-DRIVE G-DRIVE B-DRIVE	019A 019B 019C 019D 019E 019F

Table 4: EEPROM data addresses

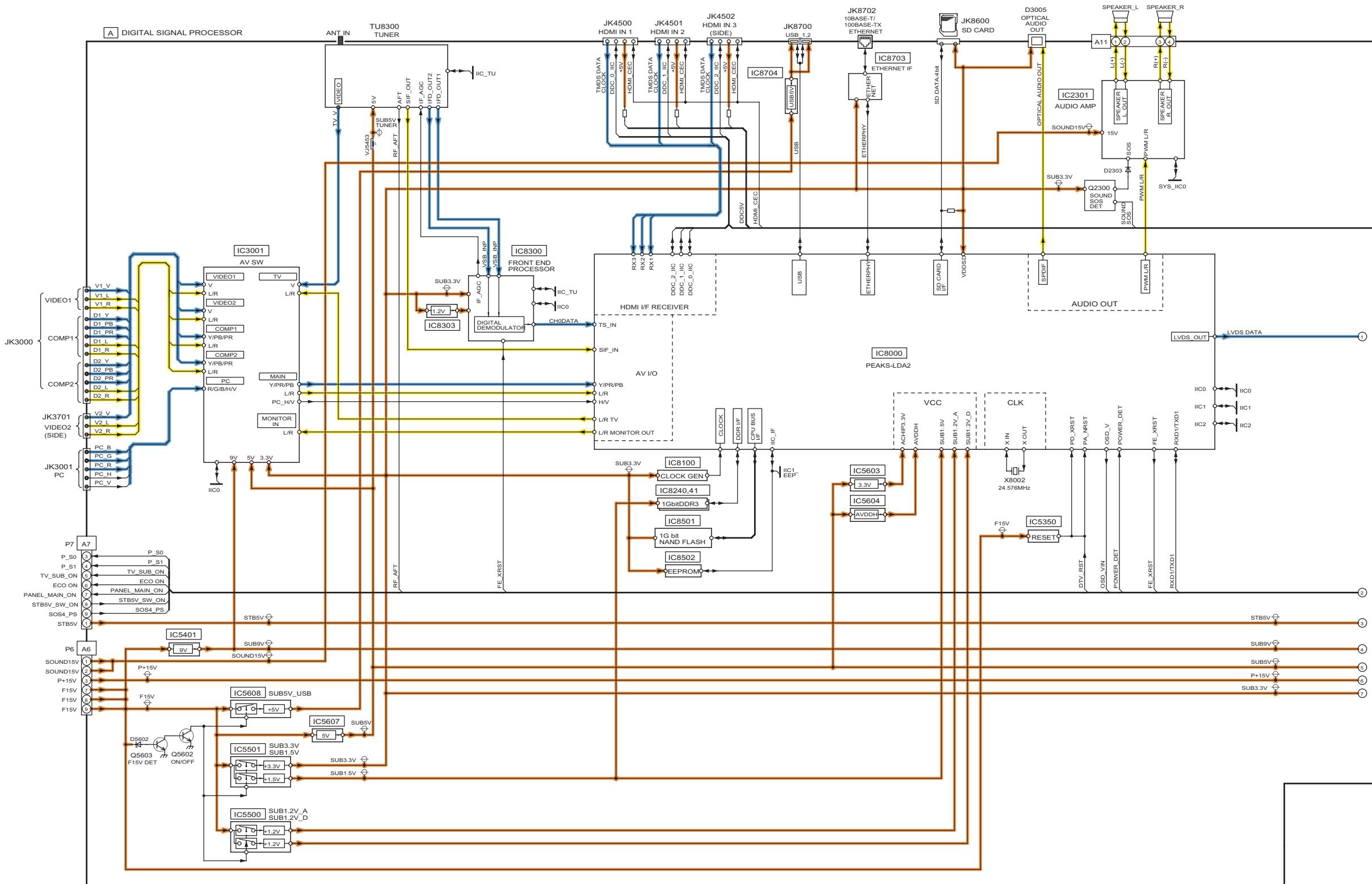
SD Color temperatur High DIFF	R-CUTOFF G-CUTOFF B-CUTOFF R-DRIVE G-DRIVE B-DRIVE	01A0 01A1 01A2 01A3 01A4 01A5
SD Color temperatur Mid DIFF	R-CUTOFF G-CUTOFF B-CUTOFF R-DRIVE G-DRIVE B-DRIVE	01A6 01A7 01A8 01A9 01AA 01AB
SD Color temperatur Low DIFF	R-CUTOFF G-CUTOFF B-CUTOFF R-DRIVE G-DRIVE B-DRIVE	01AC 01AD 01AE 01AF 01B0 01B1
HD Color temperatur High DIFF	R-CUTOFF G-CUTOFF B-CUTOFF R-DRIVE G-DRIVE B-DRIVE	01B2 01B3 01B4 01B5 01B6 01B7
HD Color temperatur Mid DIFF	R-CUTOFF G-CUTOFF B-CUTOFF R-DRIVE G-DRIVE B-DRIVE	01B8 01B9 01BA 01BB 01BC 01BD
HD Color temperatur Low DIFF	R-CUTOFF G-CUTOFF B-CUTOFF R-DRIVE G-DRIVE B-DRIVE	01BE 01BF 01C0 01C1 01C2 01C3

10 Block Diagram

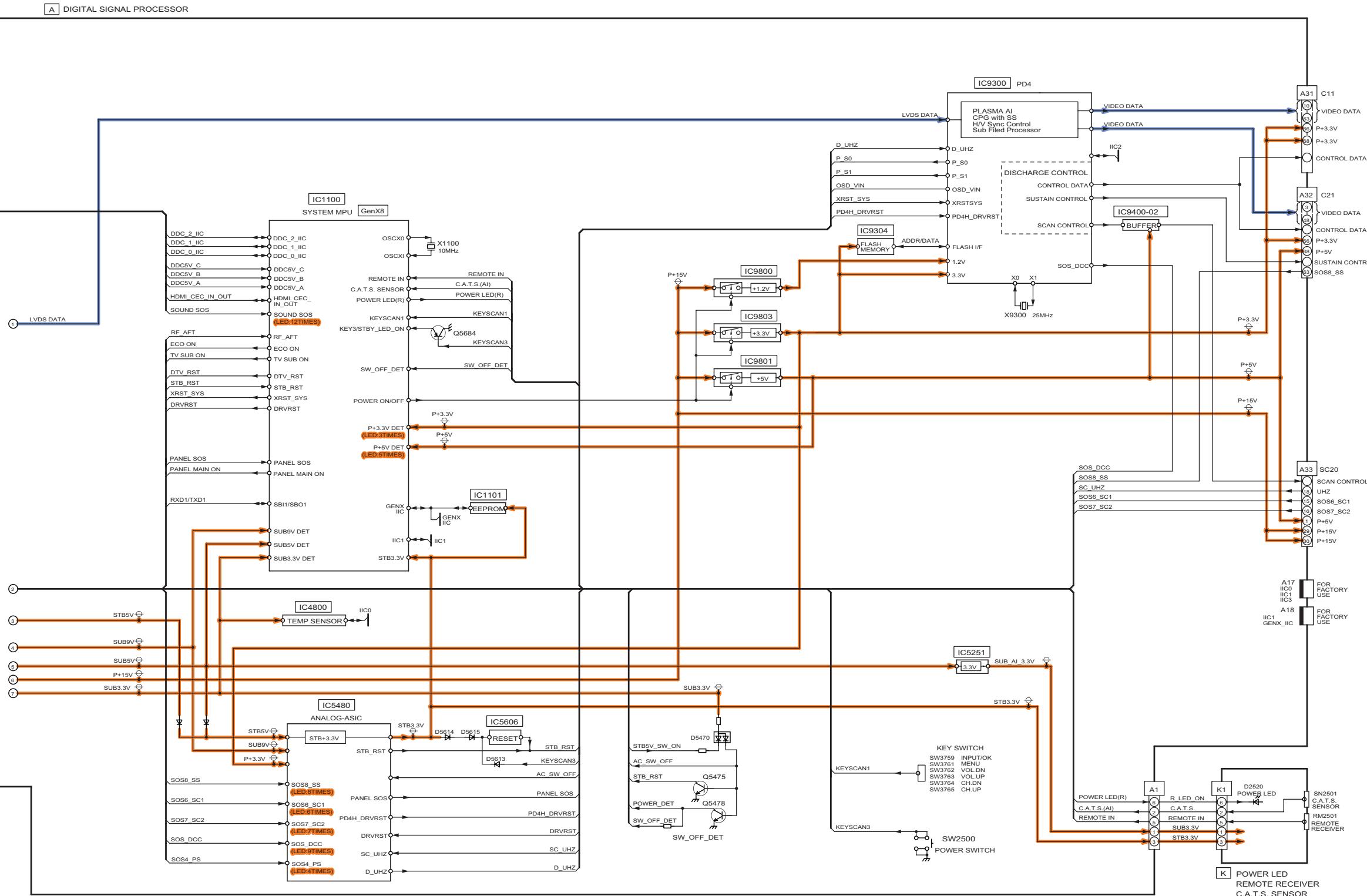
10.1. Main Block Diagram



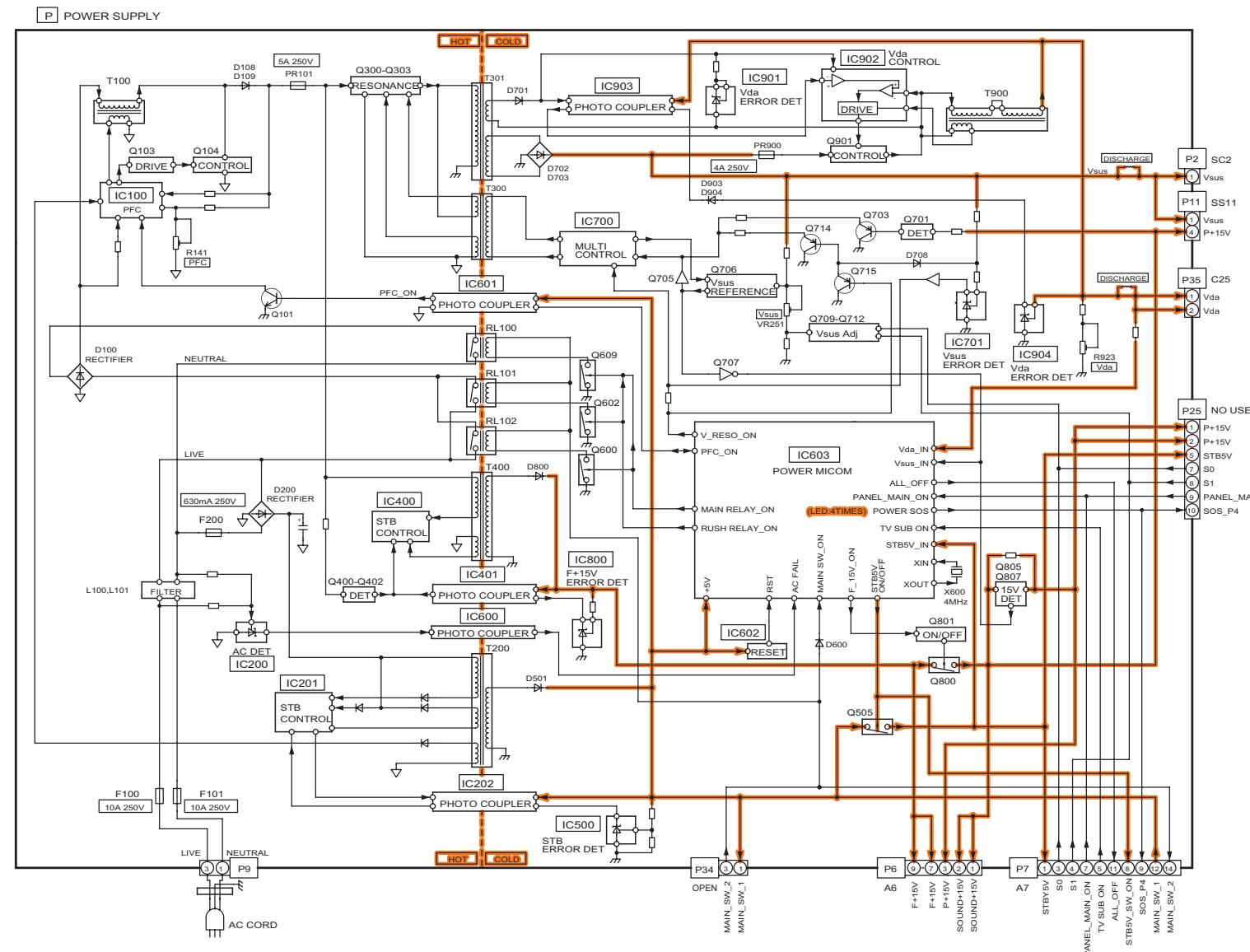
10.2. Block (1/4) Diagram



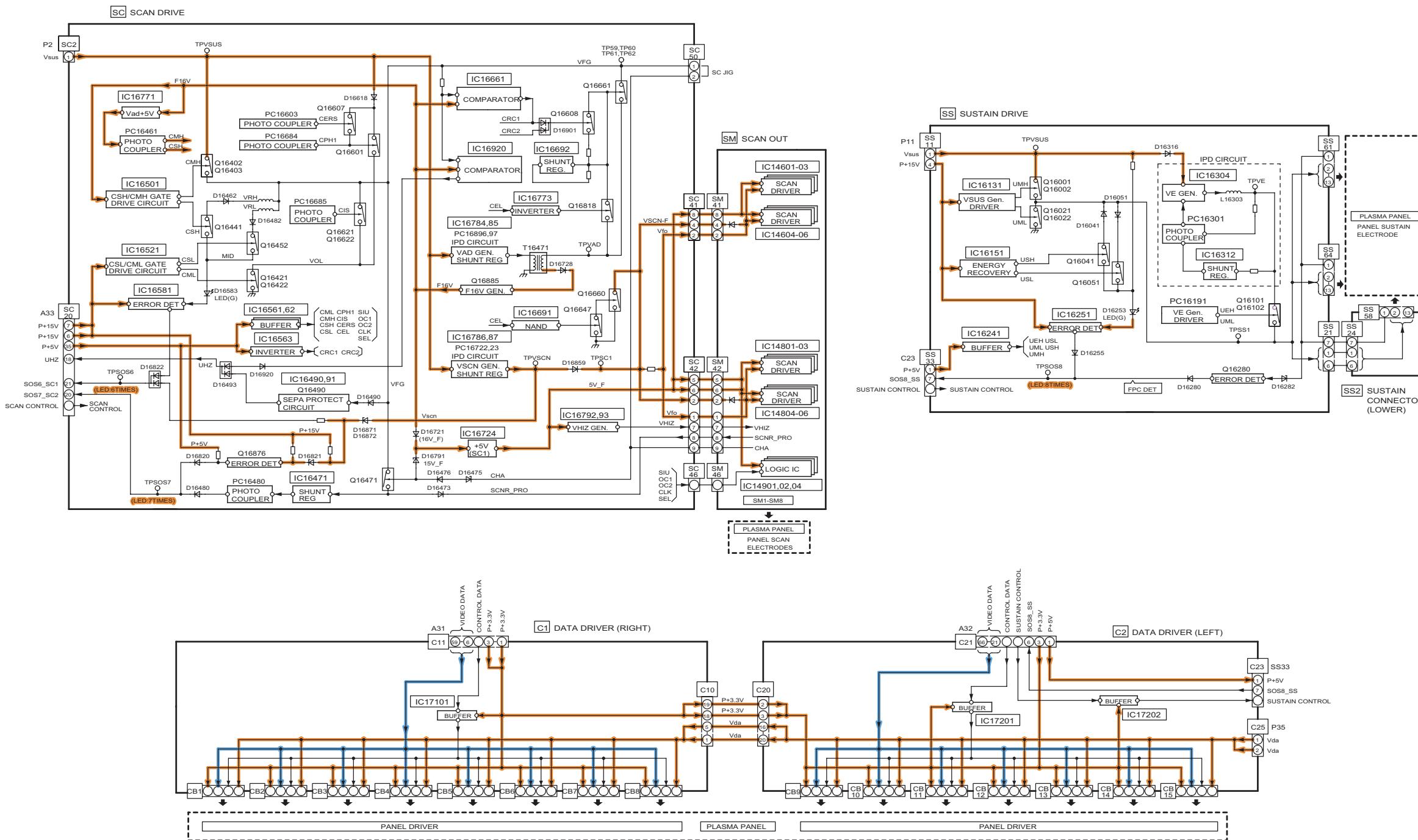
10.3. Block (2/4) Diagram



10.4. Block (3/4) Diagram



10.5. Block (4/4) Diagram



11 Wiring Connection Diagram

11.1. Caution statement.

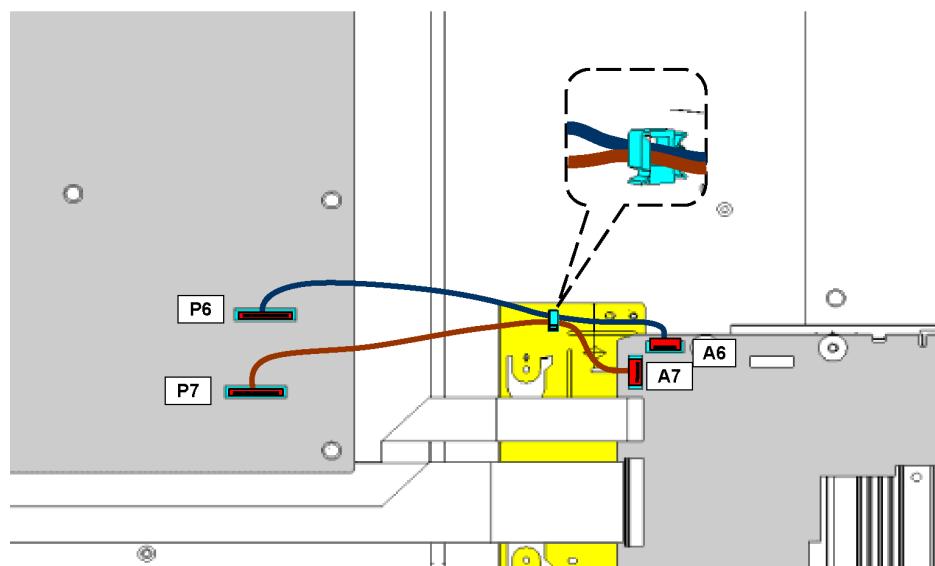
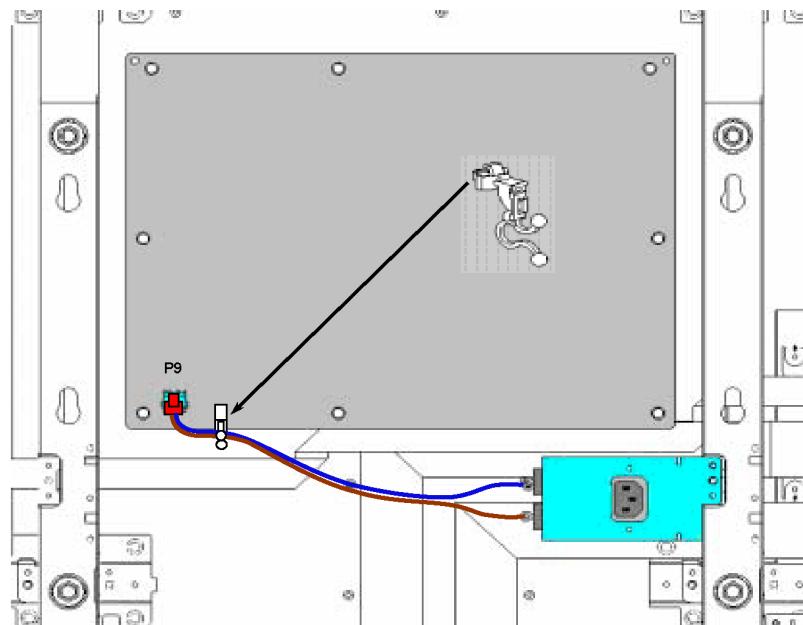
Caution:

Please confirm that all flexible cables are assembled correctly.

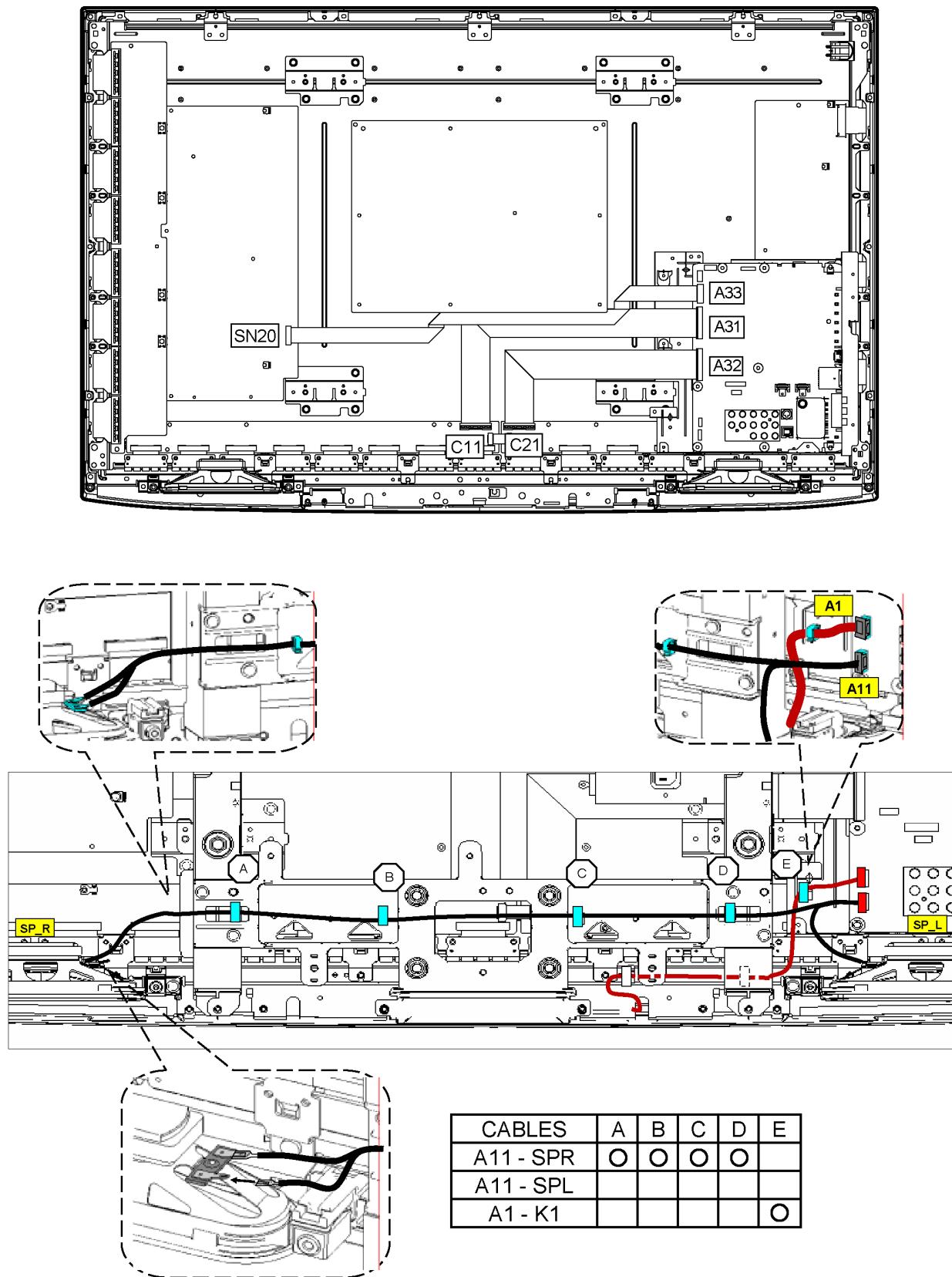
Also make sure that they are locked in the connectors.

Verify by giving the flexible cables a very slight pull.

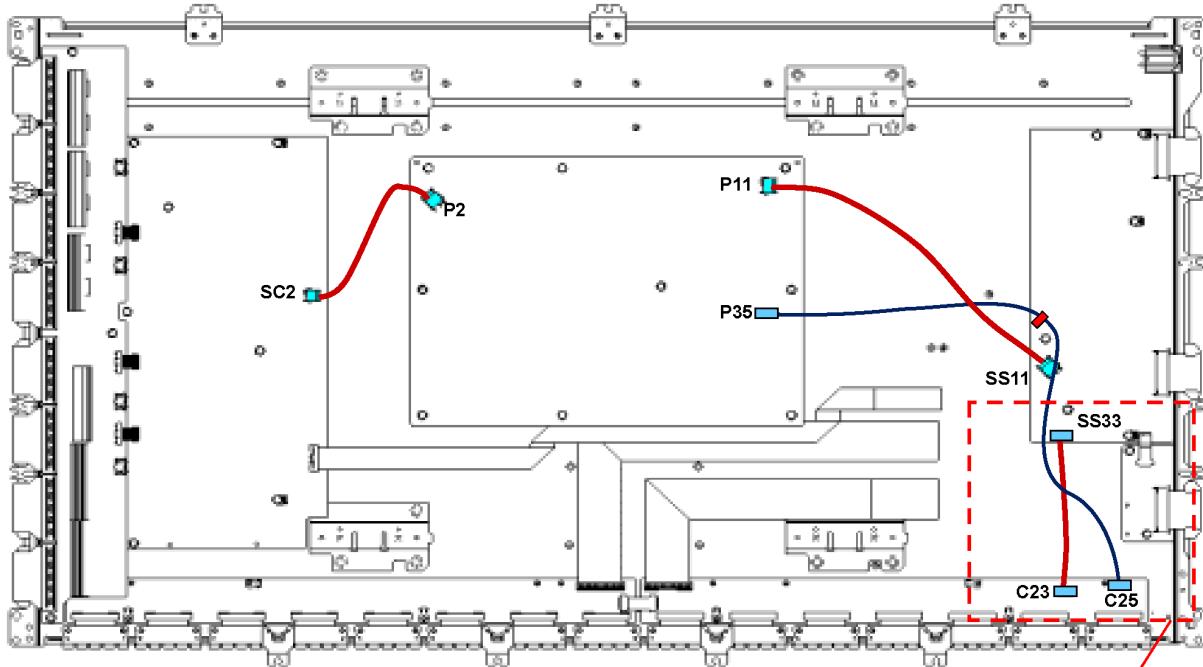
11.2. Wiring (1)



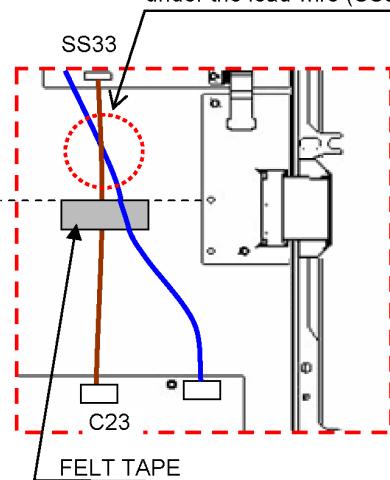
11.3. Wiring (2)



11.4. Wiring (3)



Dress the lead wire (P35-C25) under the lead wire (SS33-C23).



Fix the lead wire (SS33-C23) only to the PDP panel by FELT TAPE at the center of wire or the same line of a hole of SS2 board.

Reason: To avoid a contact with A-board fixing metal.

12 Schematic Diagram

12.1. Schematic Diagram Note

Notes:

1. **Resistor**
Unit of resistance is OHM [Ω] ($K=1,000$, $M=1,000,000$).

2. **Capacitor**
Unit of capacitance is μF , unless otherwise noted.
3. **Coil**
Unit of inductance is H, unless otherwise noted.

4. **Test Point**
 : Test Point position

5. **Earth Symbol**
 : Chassis Earth (Cold)

 : Line Earth (Hot)

6. **Voltage Measurement**

Voltage is measured by a DC voltmeter.

Conditions of the measurement are the following:

Power Source AC120V, 60Hz
Receiving Signal Colour Bar signal (RF)
All customer's controls Maximum positions

7. When arrow mark () is found, connection is easily found from the direction of arrow.
8. Indicates the major signal flow.  : Video  : Audio
9. This schematic diagram is the latest at the time of printing and subject to change without notice.

Remarks:

1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection.

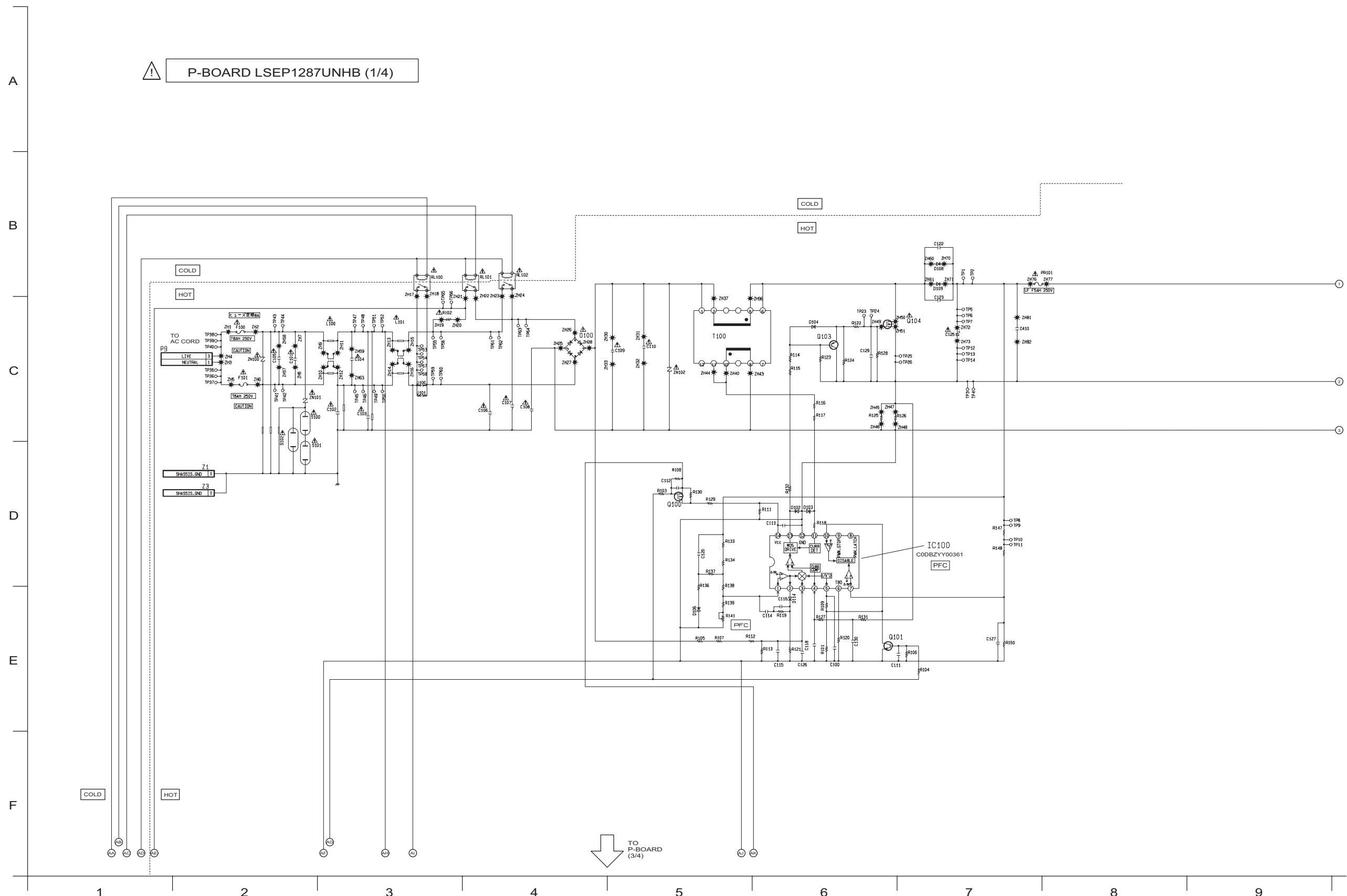
The circuit is defined by HOT and COLD indications in the schematic diagram. Take the following precautions.

All circuits, except the Power Circuit, are cold.

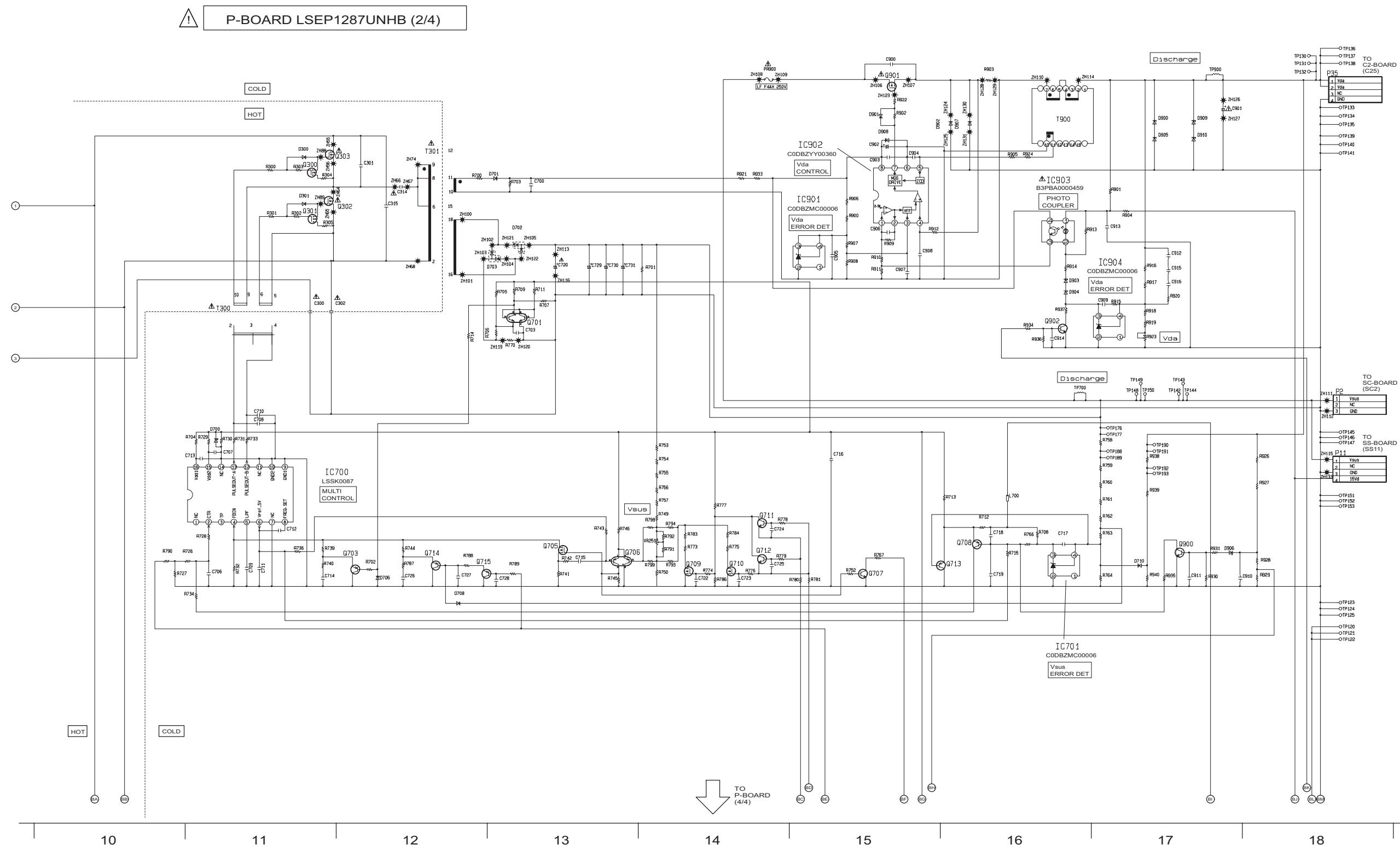
Precautions

- a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
- b. Do not short-circuit the hot and cold circuits or a fuse may blow and parts may break.
- c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously or a fuse may blow.
Connect the earth of instruments to the earth connection of the circuit being measured.
- d. Make sure to disconnect the power plug before removing the chassis.

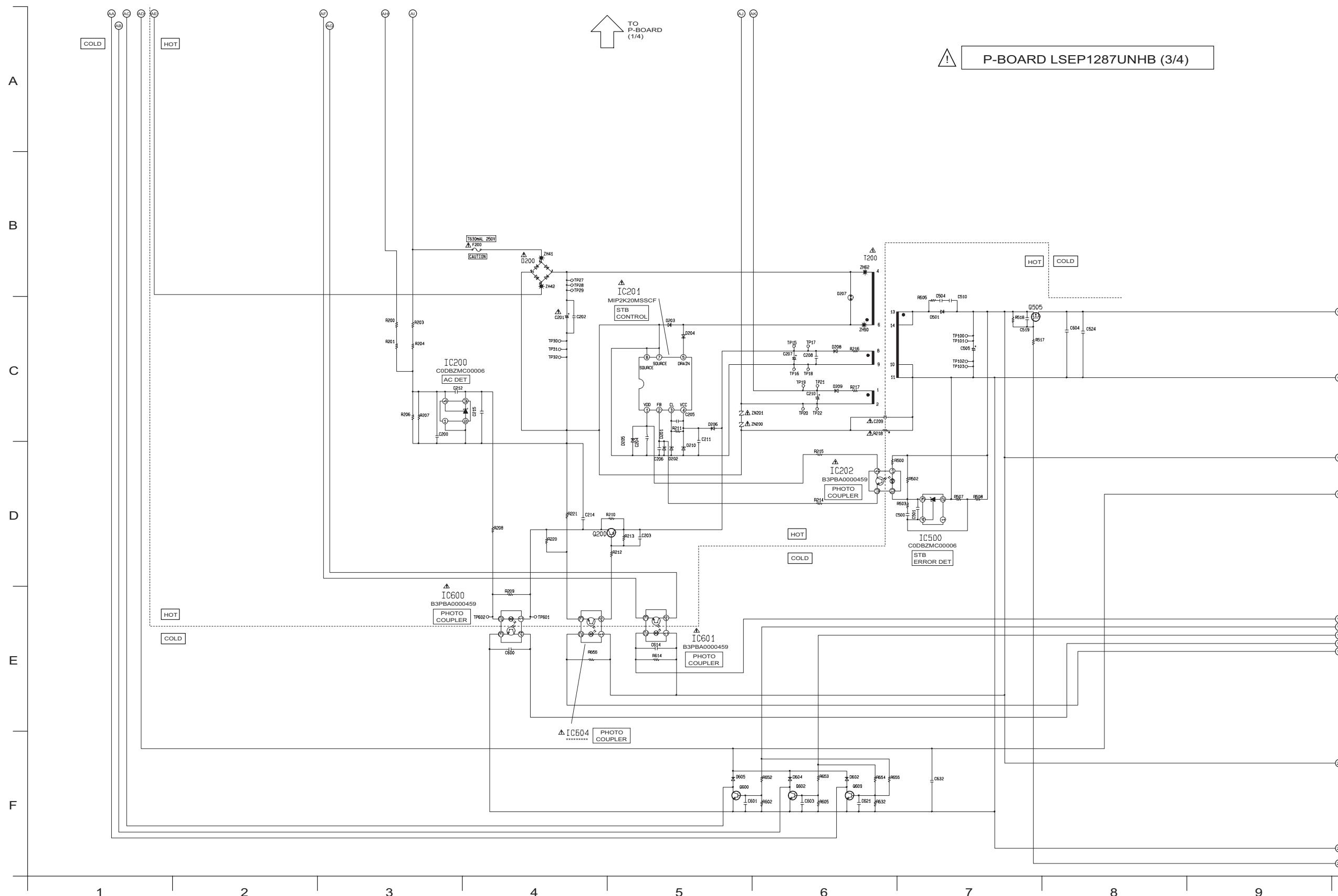
12.2. P-Board (1/4) Schematic Diagram



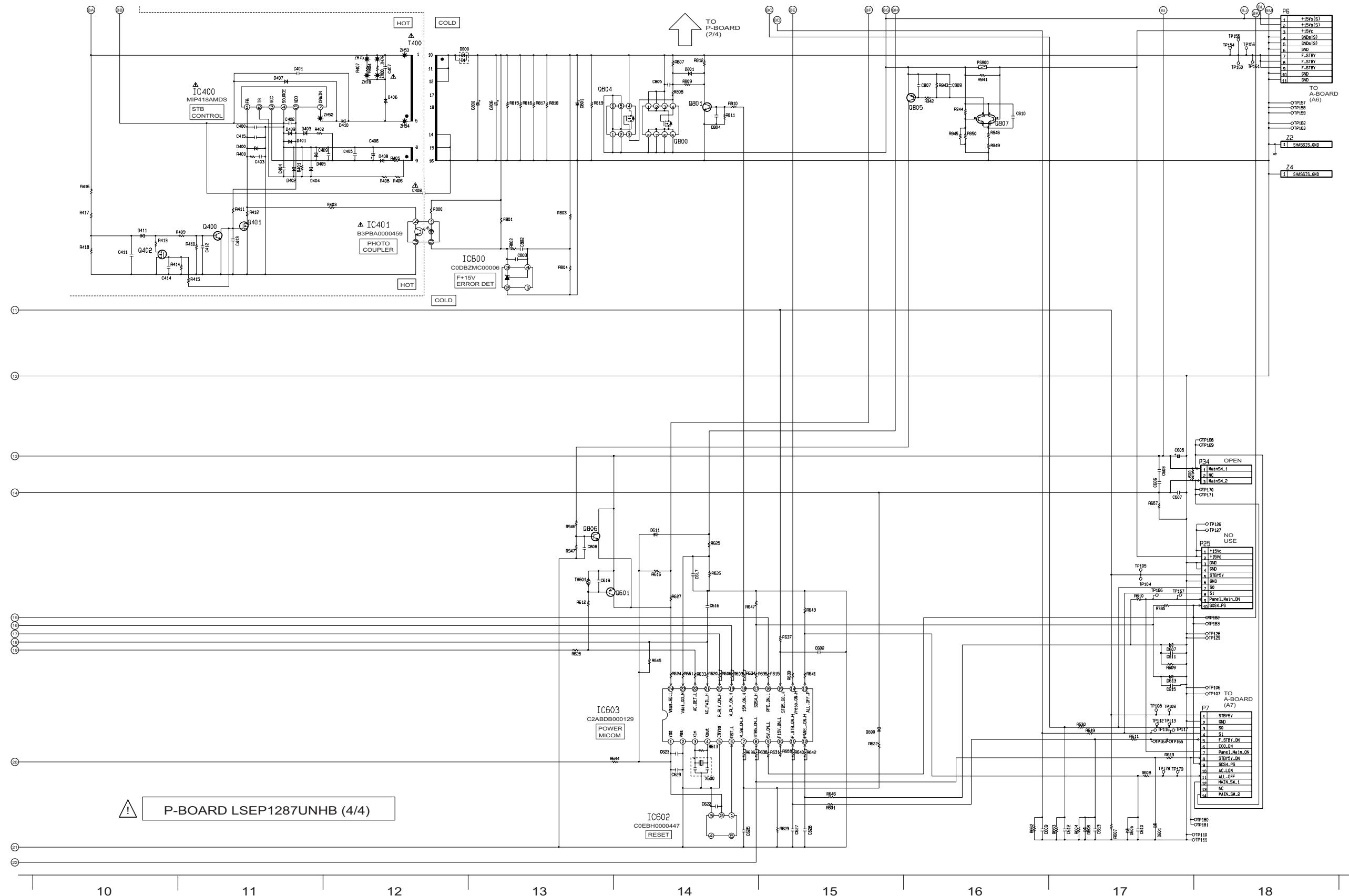
12.3. P-Board (2/4) Schematic Diagram



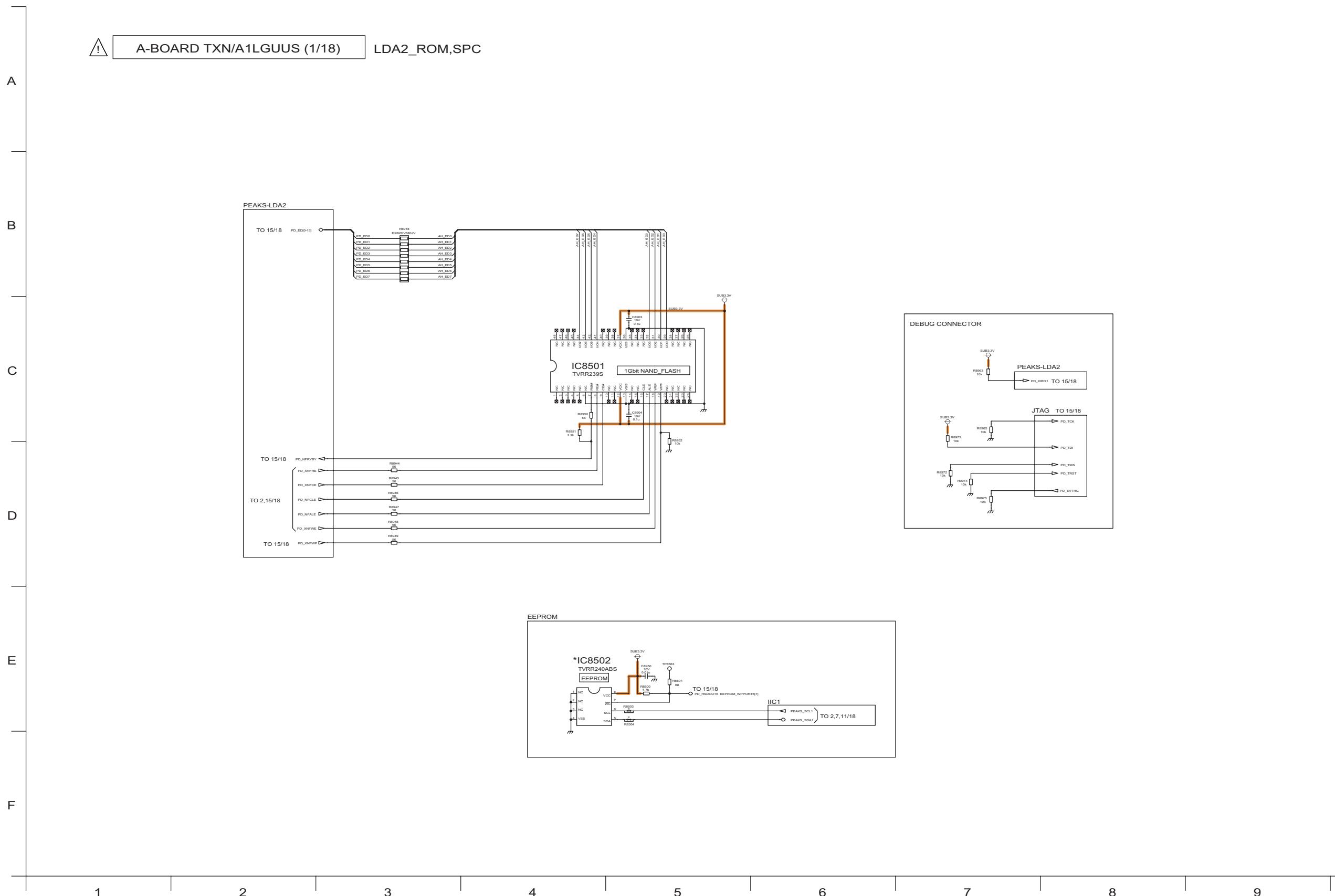
12.4. P-Board (3/4) Schematic Diagram



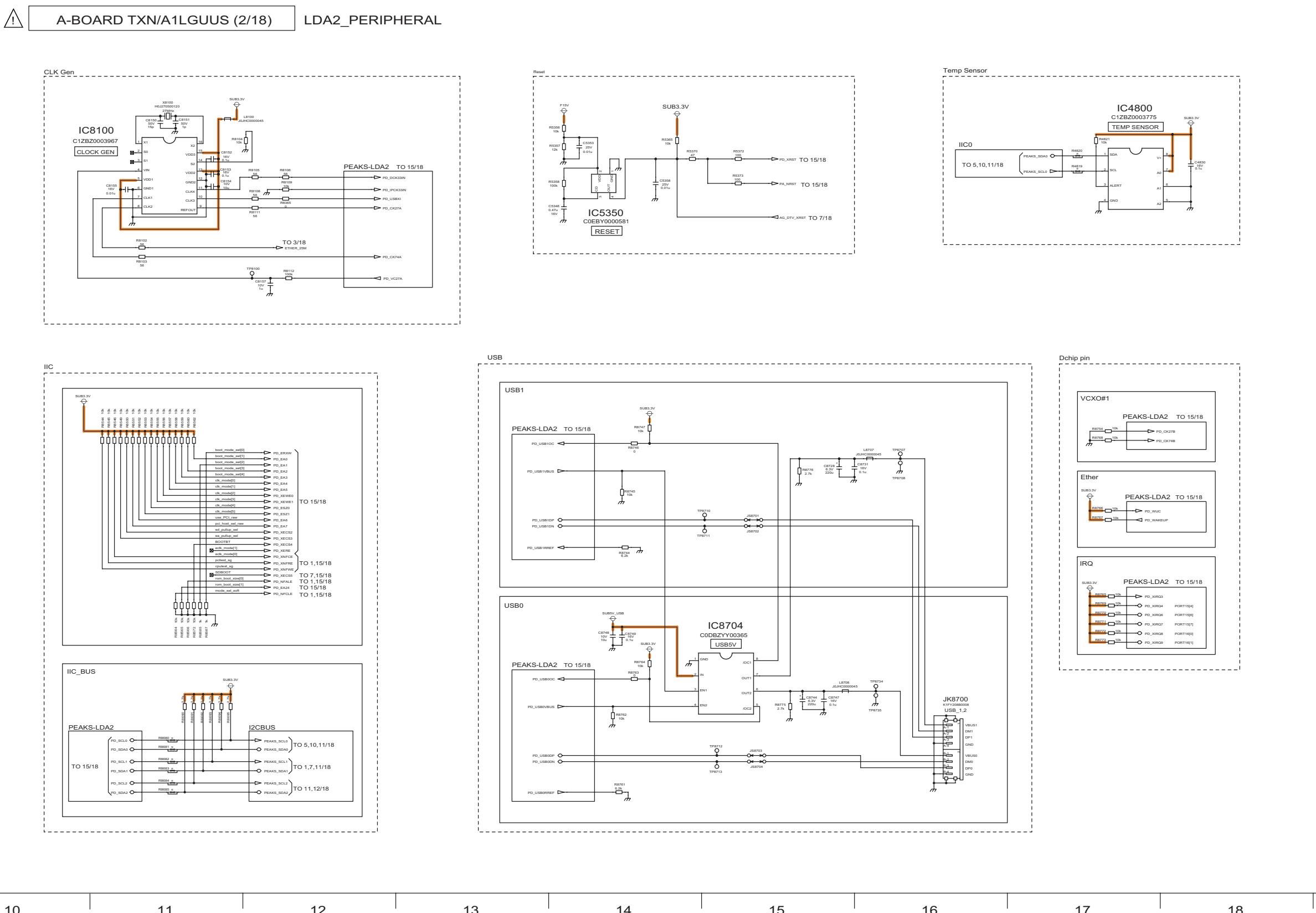
12.5. P-Board (4/4) Schematic Diagram



12.6. A-Board (1/18) Schematic Diagram



12.7. A-Board (2/18) Schematic Diagram

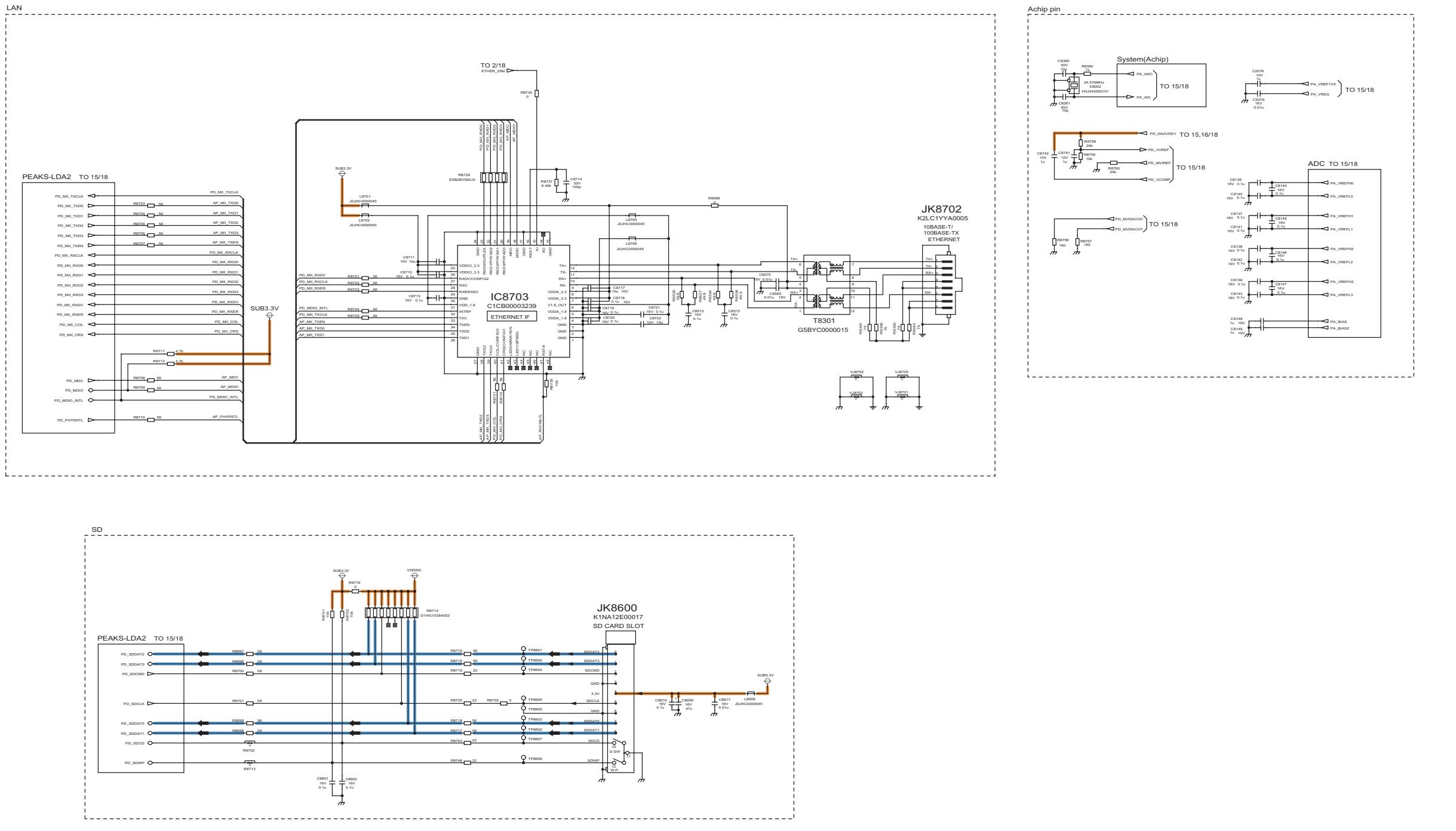


12.8. A-Board (3/18) Schematic Diagram



A-BOARD TXN/A1LGGUUS (3/18)

LDA2_PERIPHERAL



19

20

21

22

23

24

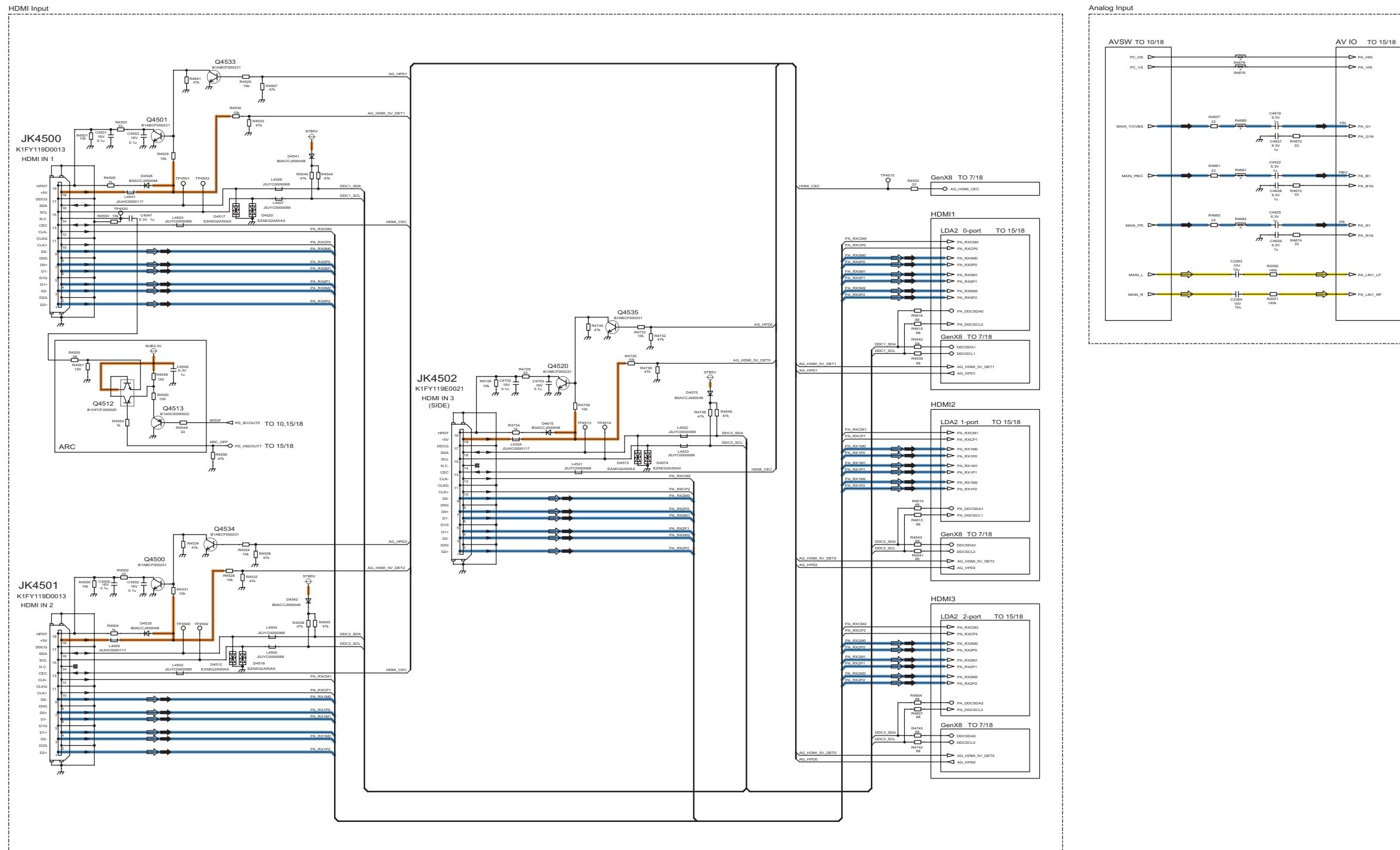
25

26

27

12.9. A-Board (4/18) Schematic Diagram

A-BOARD TXN/A1LNUUS (4/18) HDMI/ANALOG INPUT



28

29

30

31

32

33

34

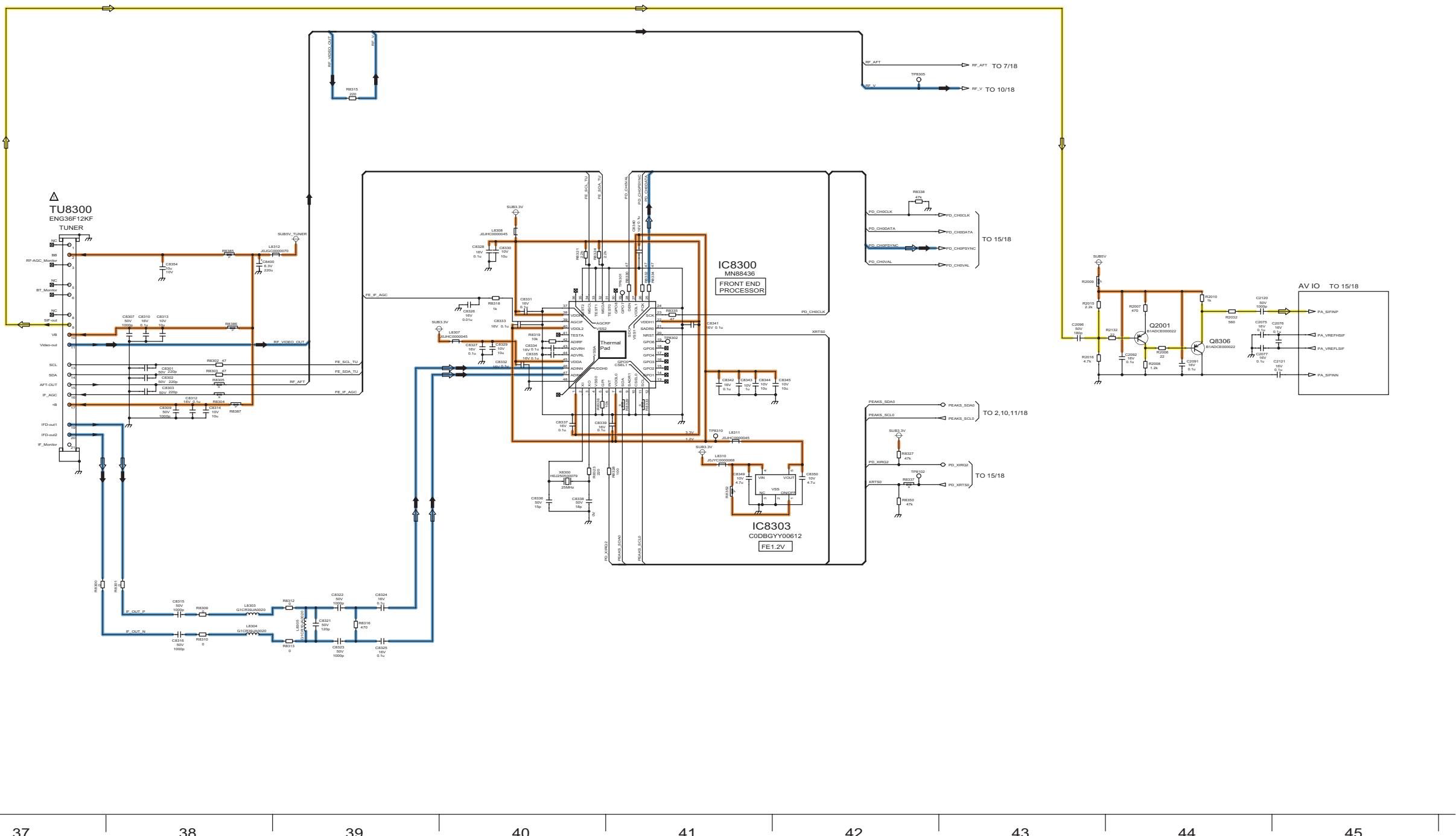
35

36

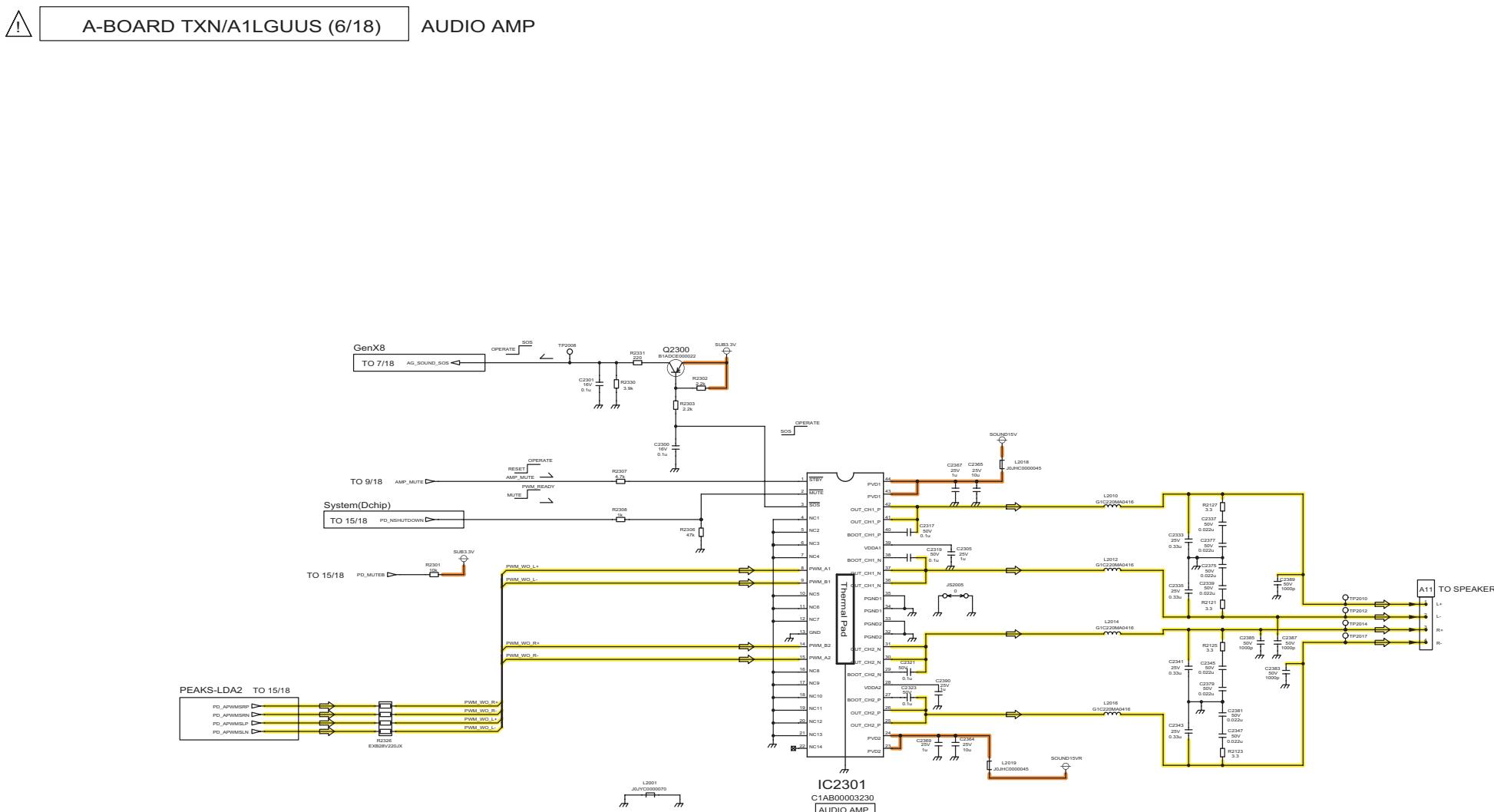
12.10. A-Board (5/18) Schematic Diagram

A-BOARD TXN/A1LGUUS (5/18)

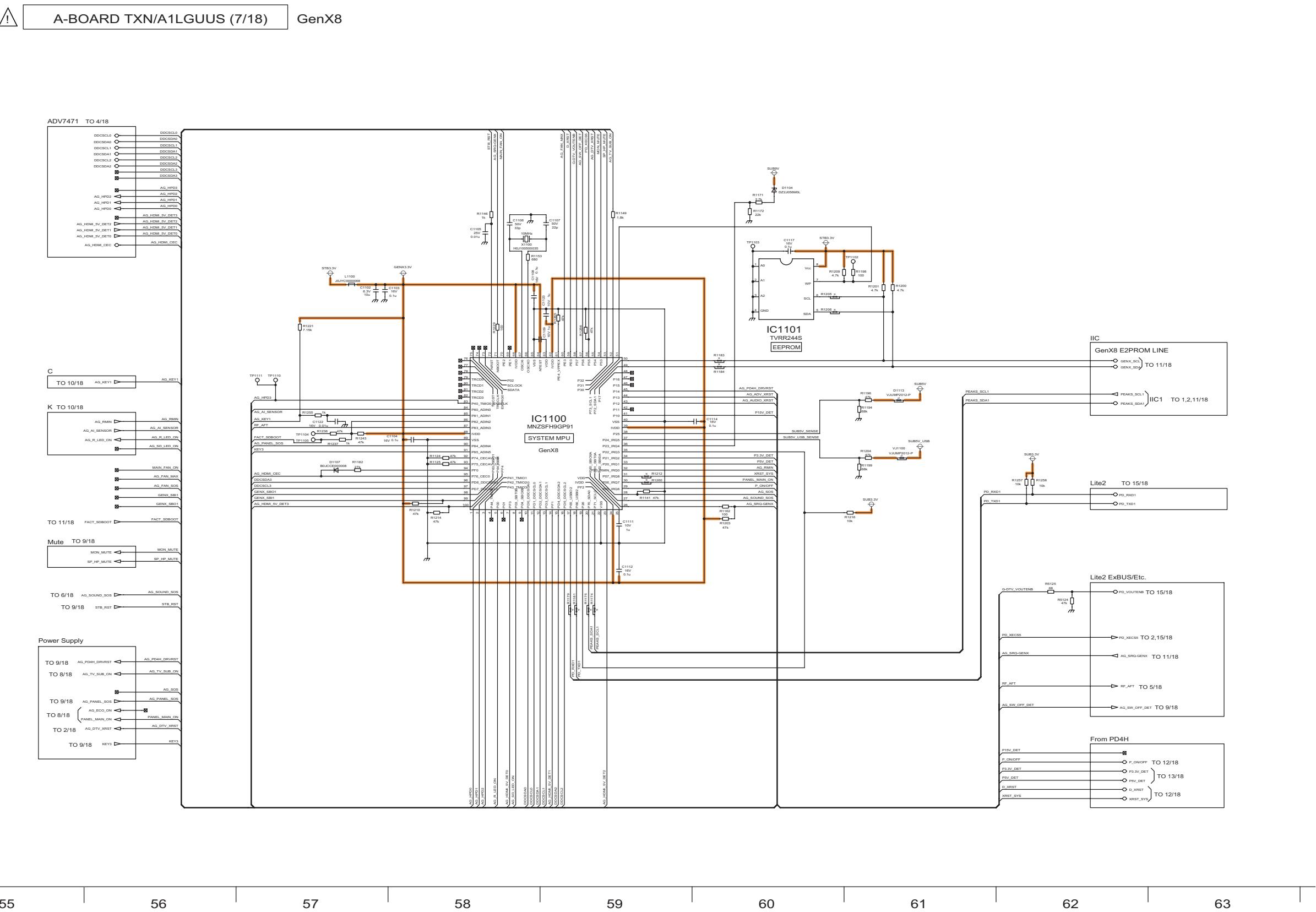
TUNER



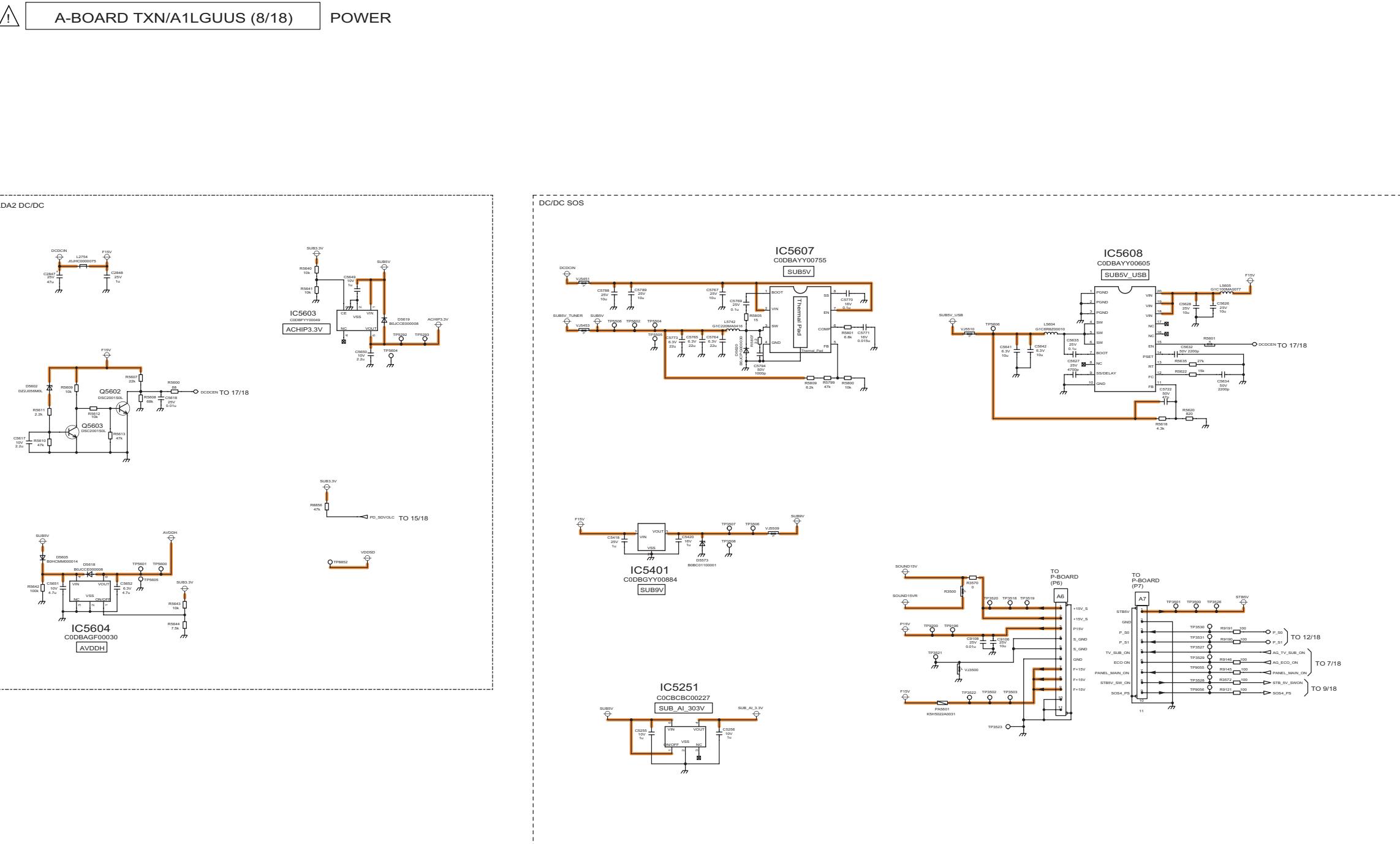
12.11. A-Board (6/18) Schematic Diagram



12.12. A-Board (7/18) Schematic Diagram



12.13. A-Board (8/18) Schematic Diagram

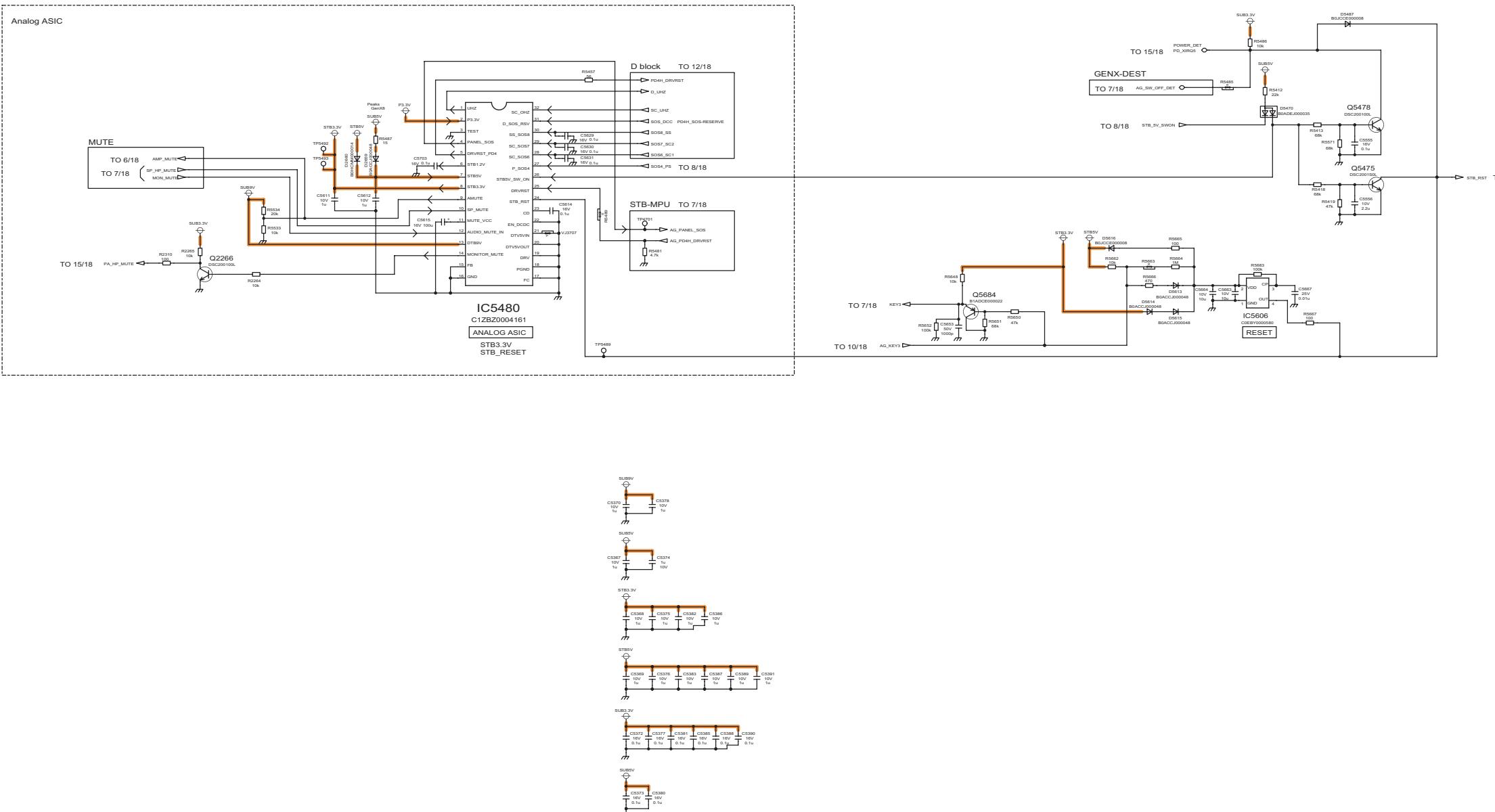


12.14. A-Board (9/18) Schematic Diagram

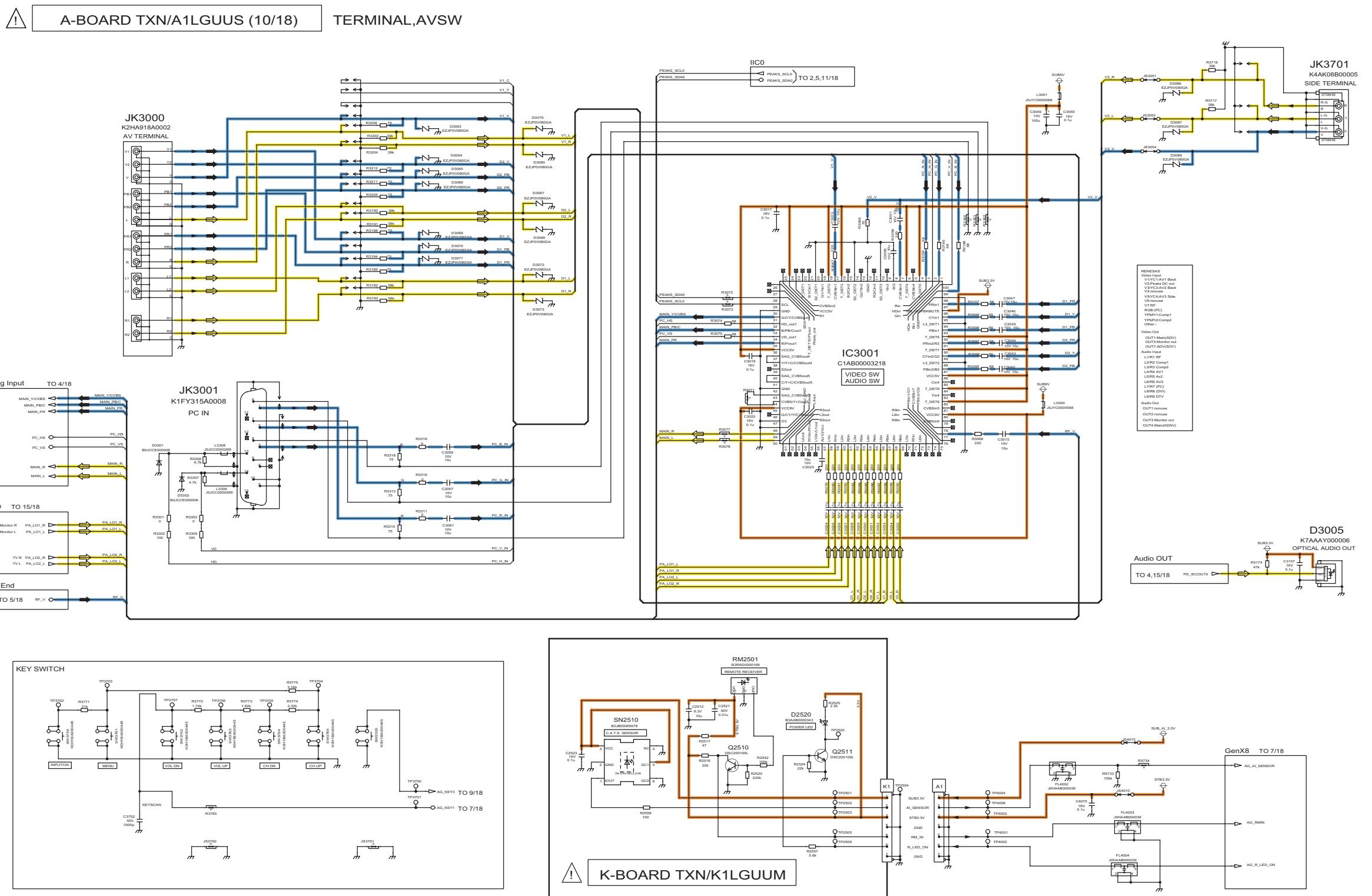
A-BOARD TXN/A1LGUUS (9/18)

POWER

POWER



12.15. A-Board (10/18) and K-Board Schematic Diagram

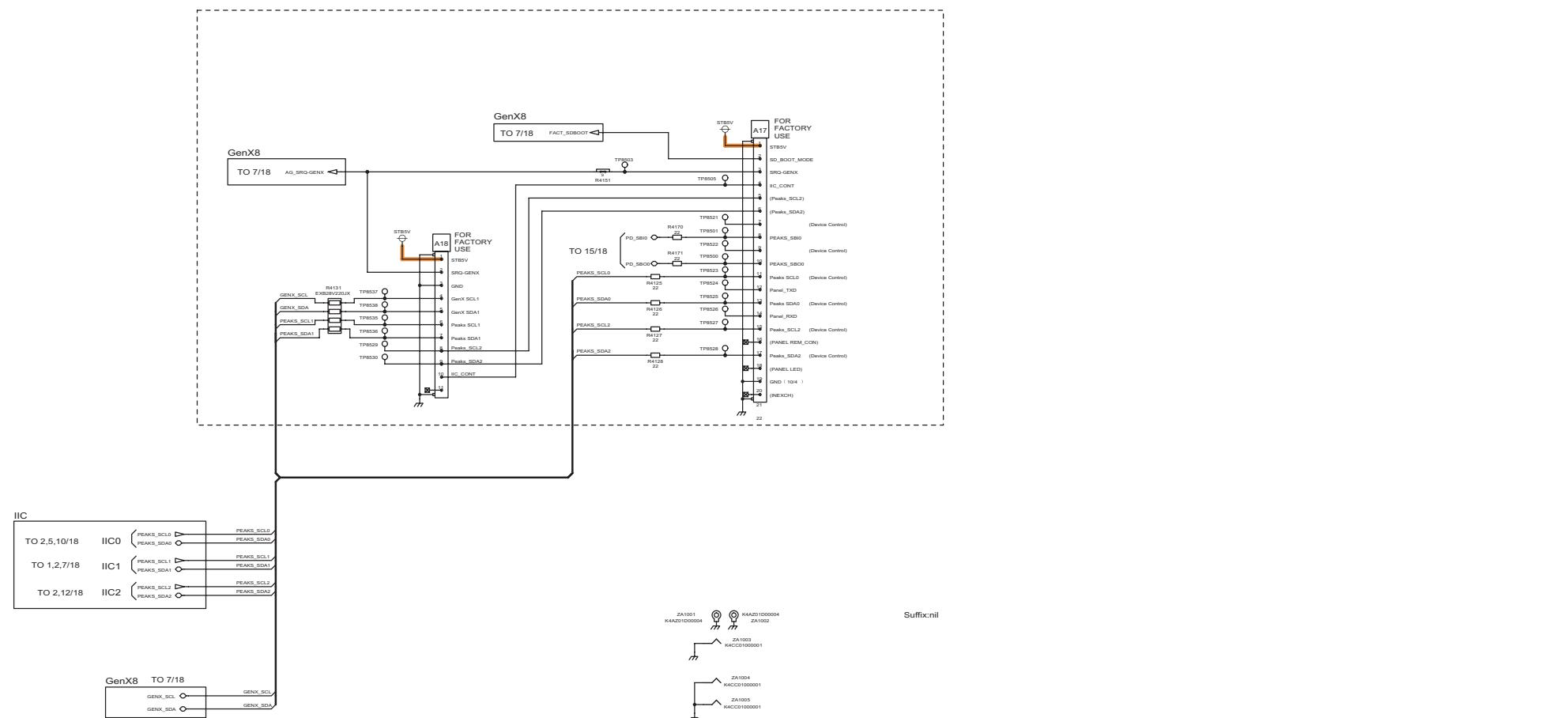


82 83 84 85 86 87 88 89 90

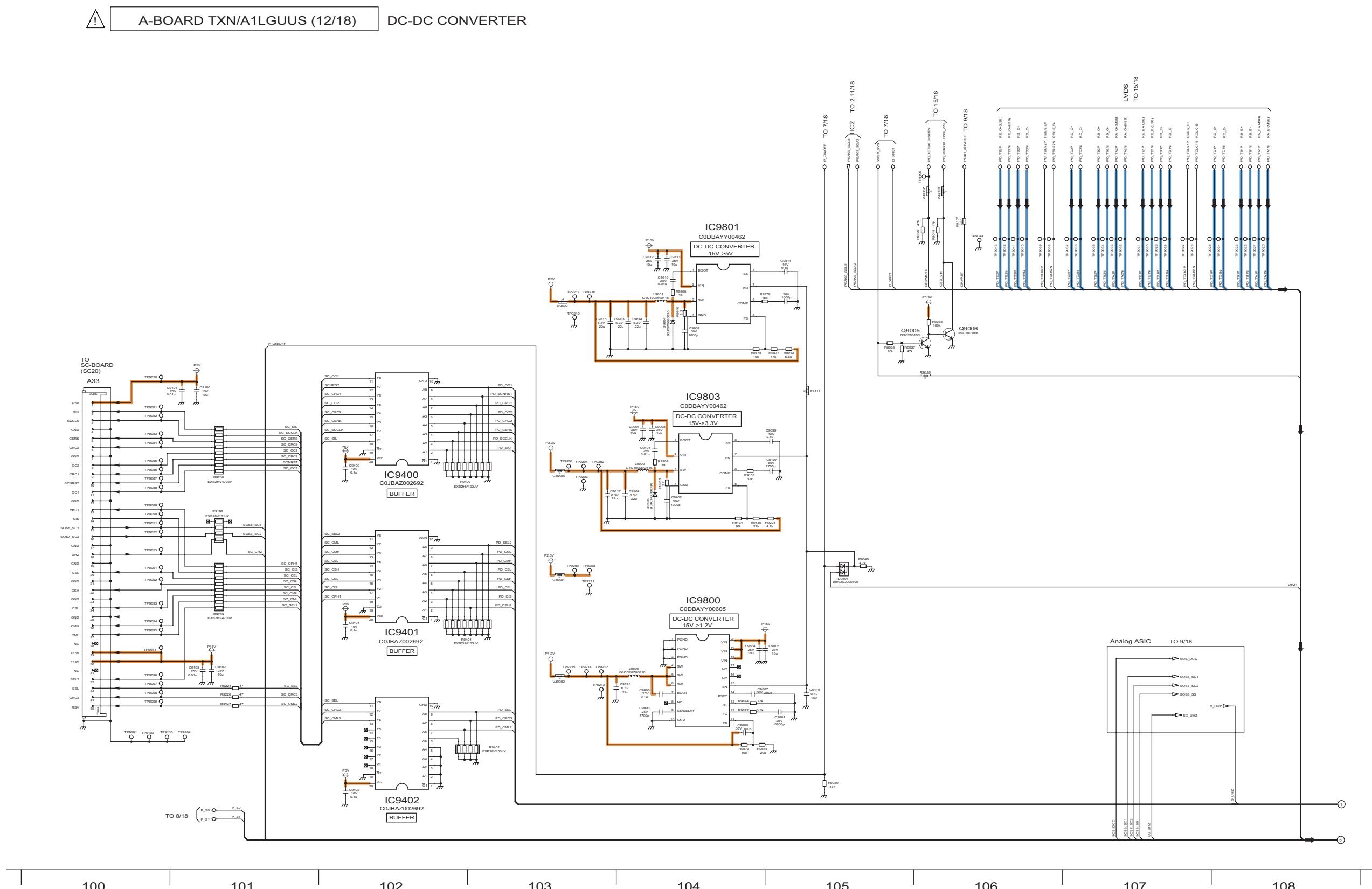
12.16. A-Board (11/18) Schematic Diagram

A-BOARD TXN/A1LGUUS (11/18)

CONNECTOR



12.17. A-Board (12/18) Schematic Diagram

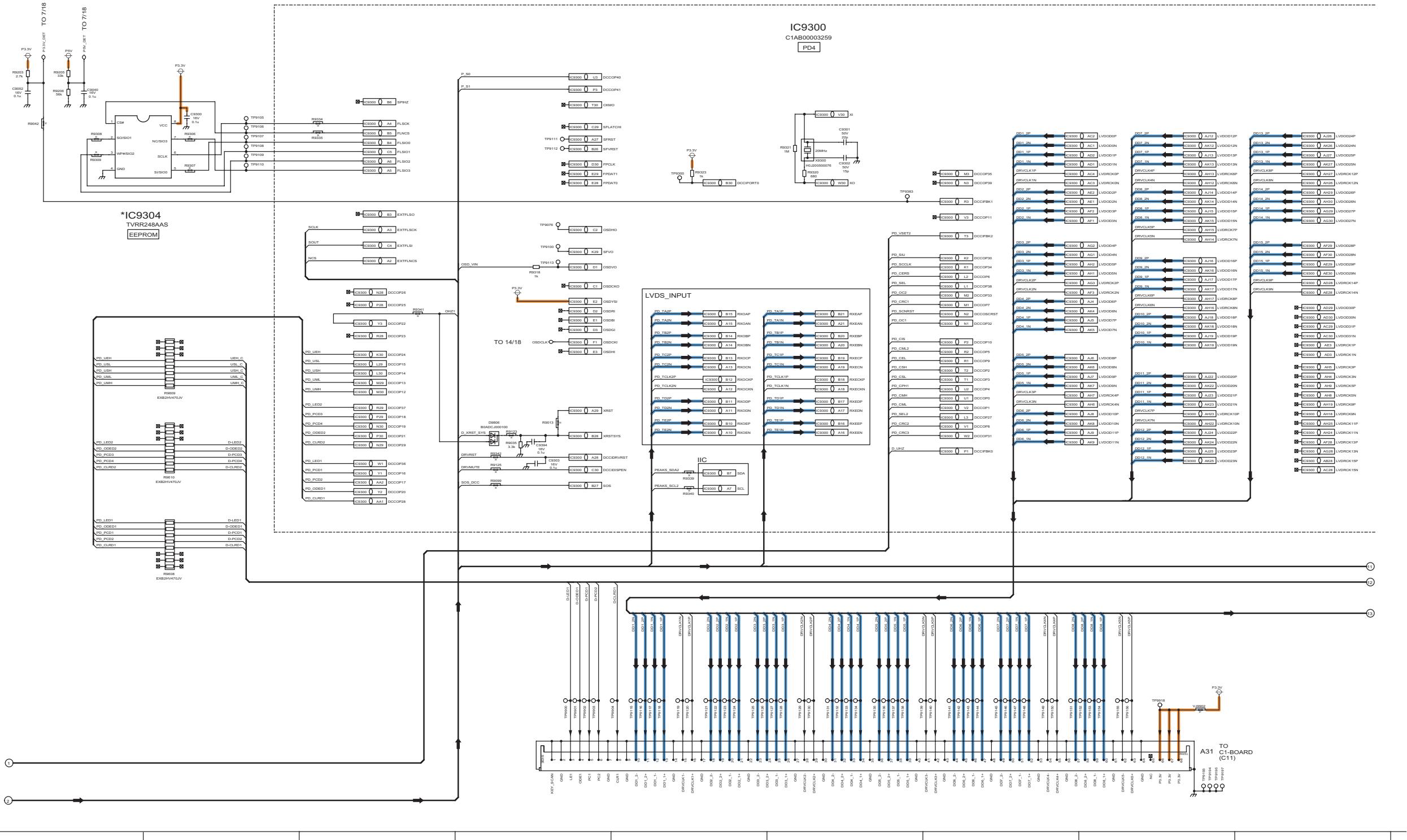


12.18. A-Board (13/18) Schematic Diagram



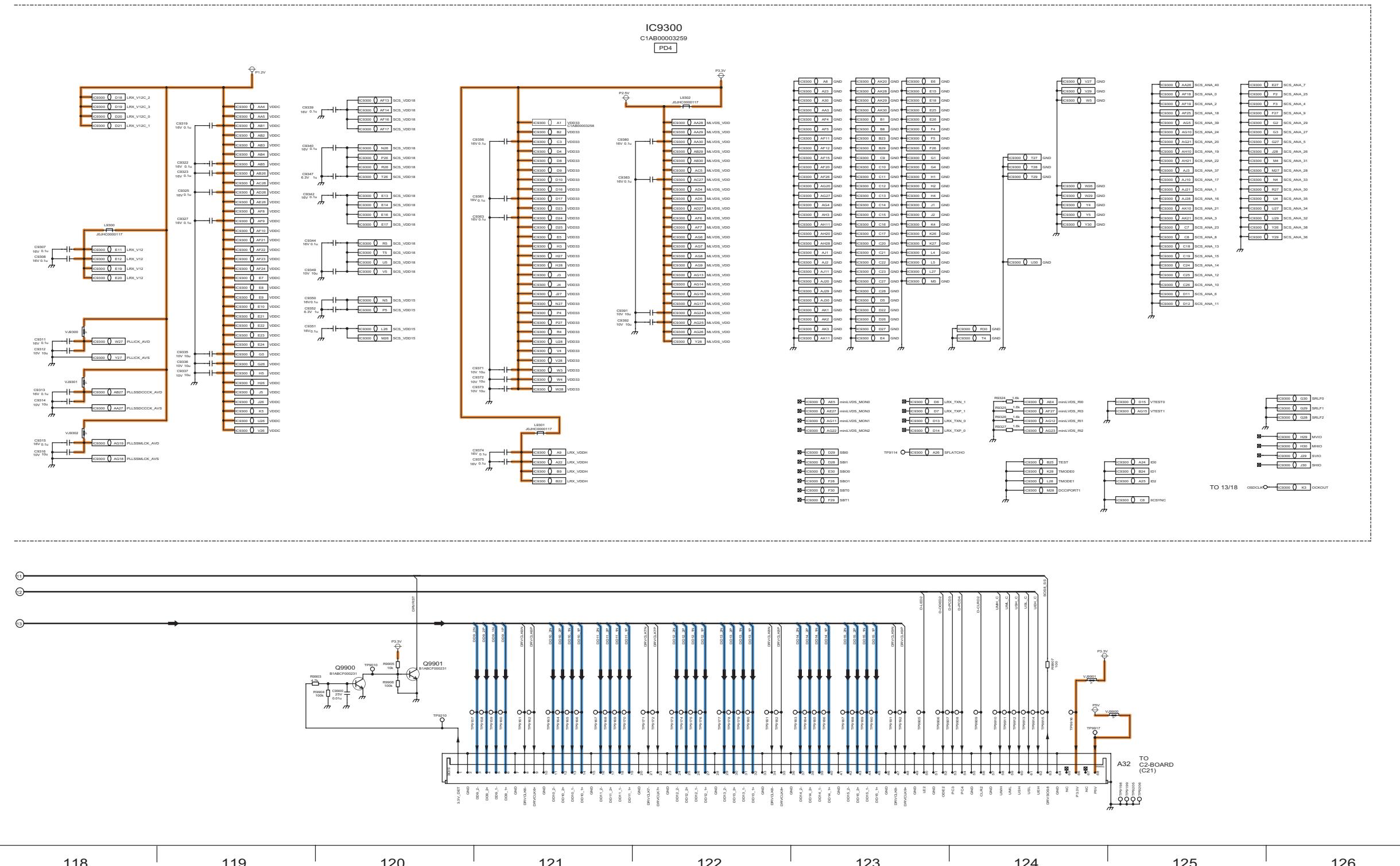
A-BOARD TXN/A1LGUUS (13/18)

PD4

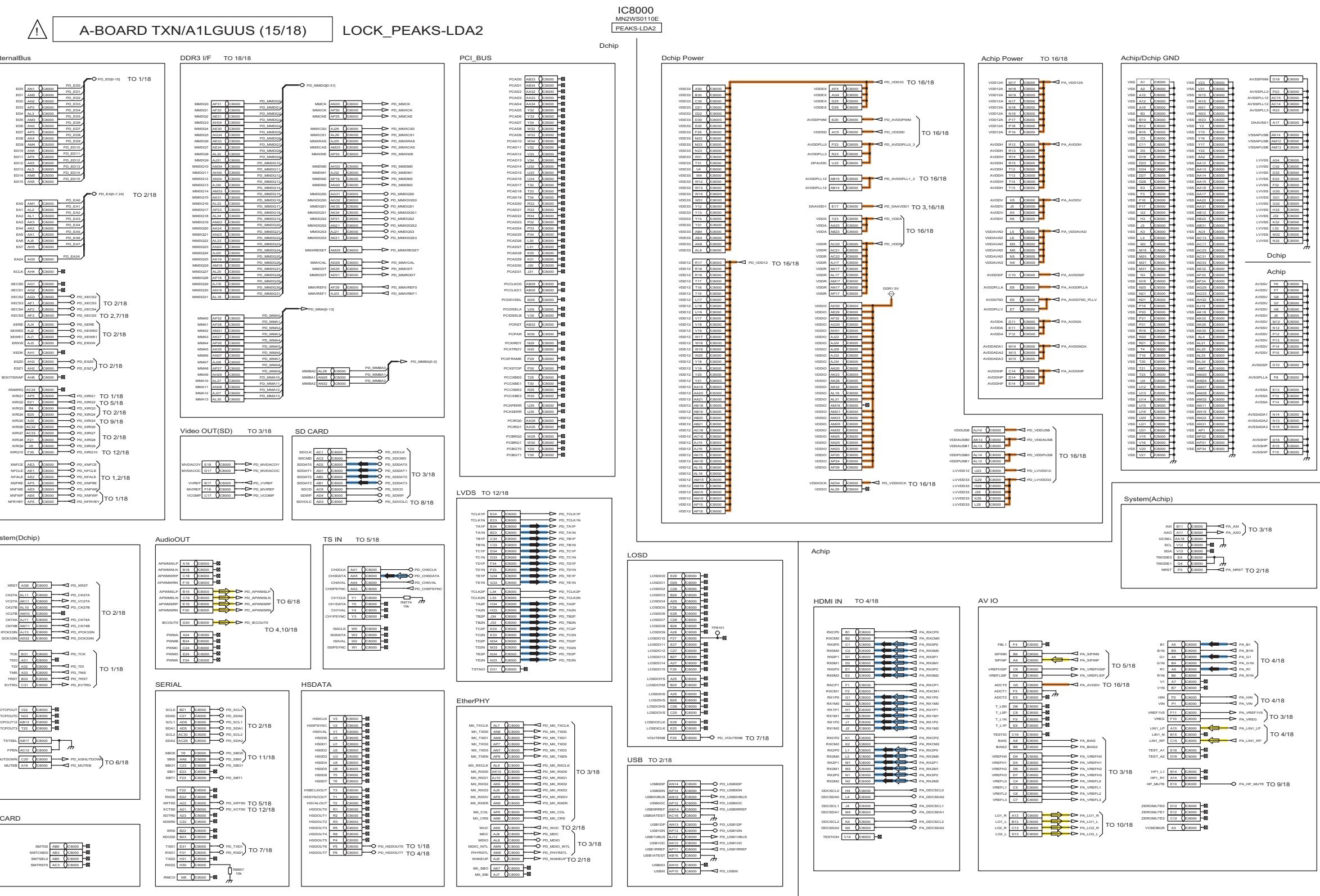


12.19. A-Board (14/18) Schematic Diagram

⚠ A-BOARD TXN/A1LGUUS (14/18) PD4

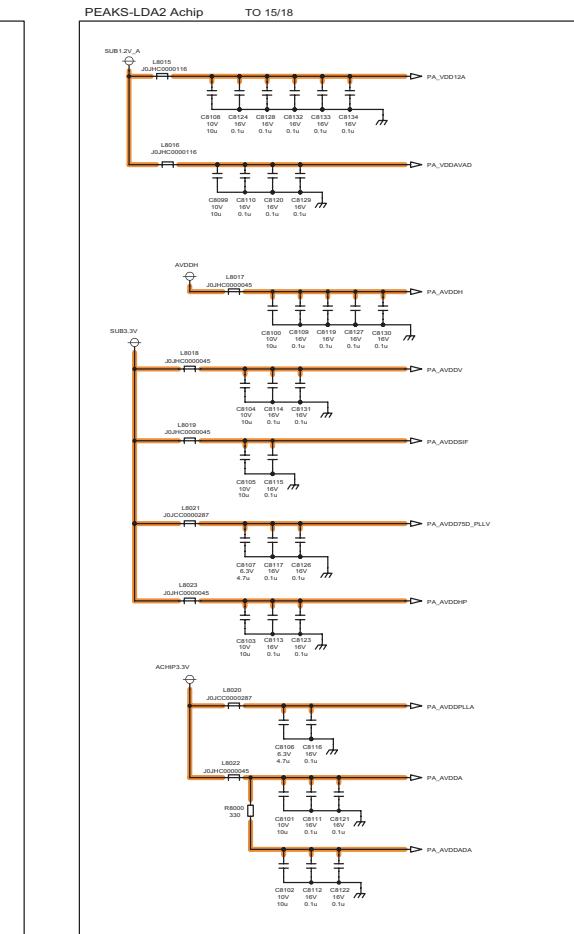
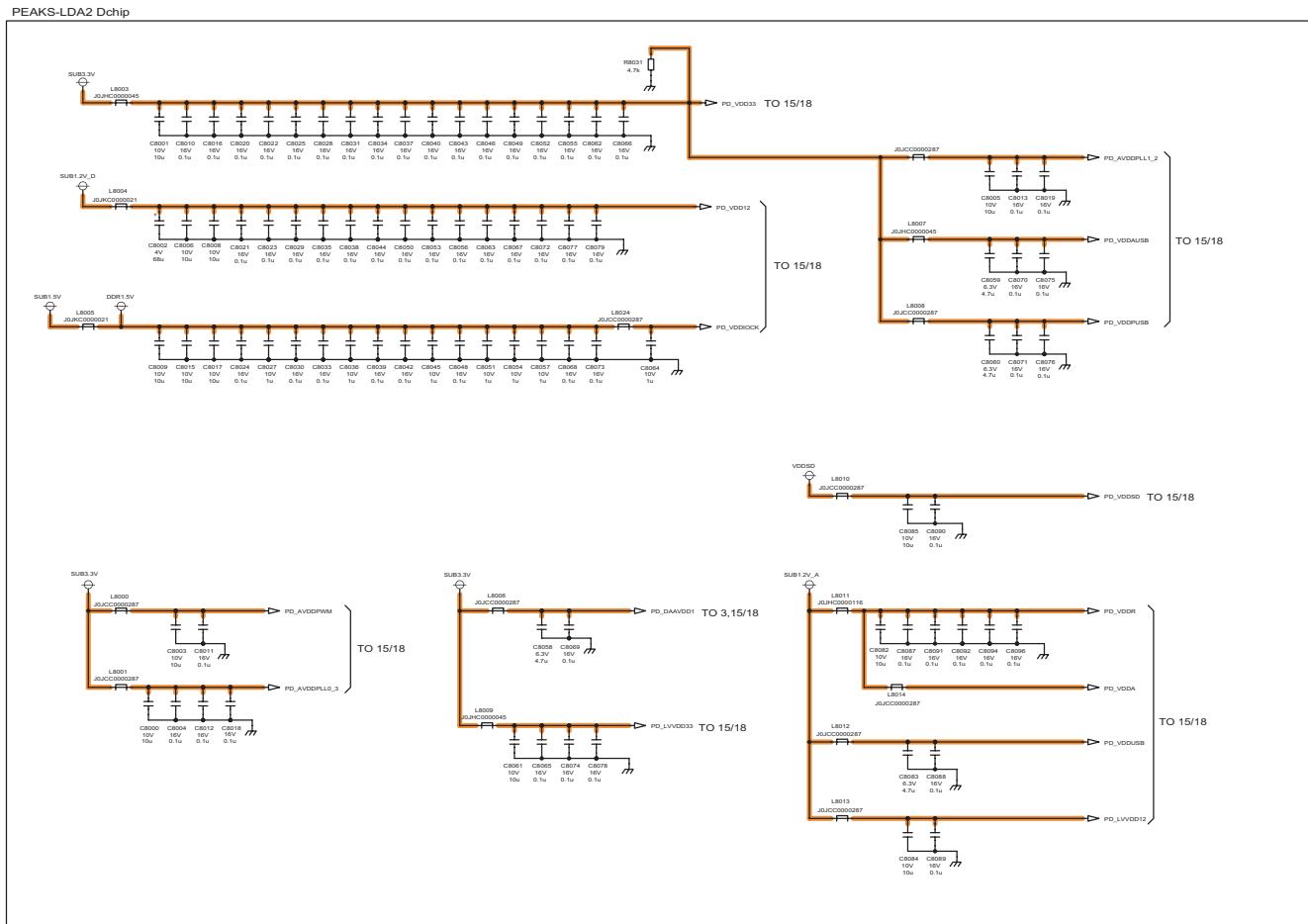


12.20. A-Board (15/18) Schematic Diagram



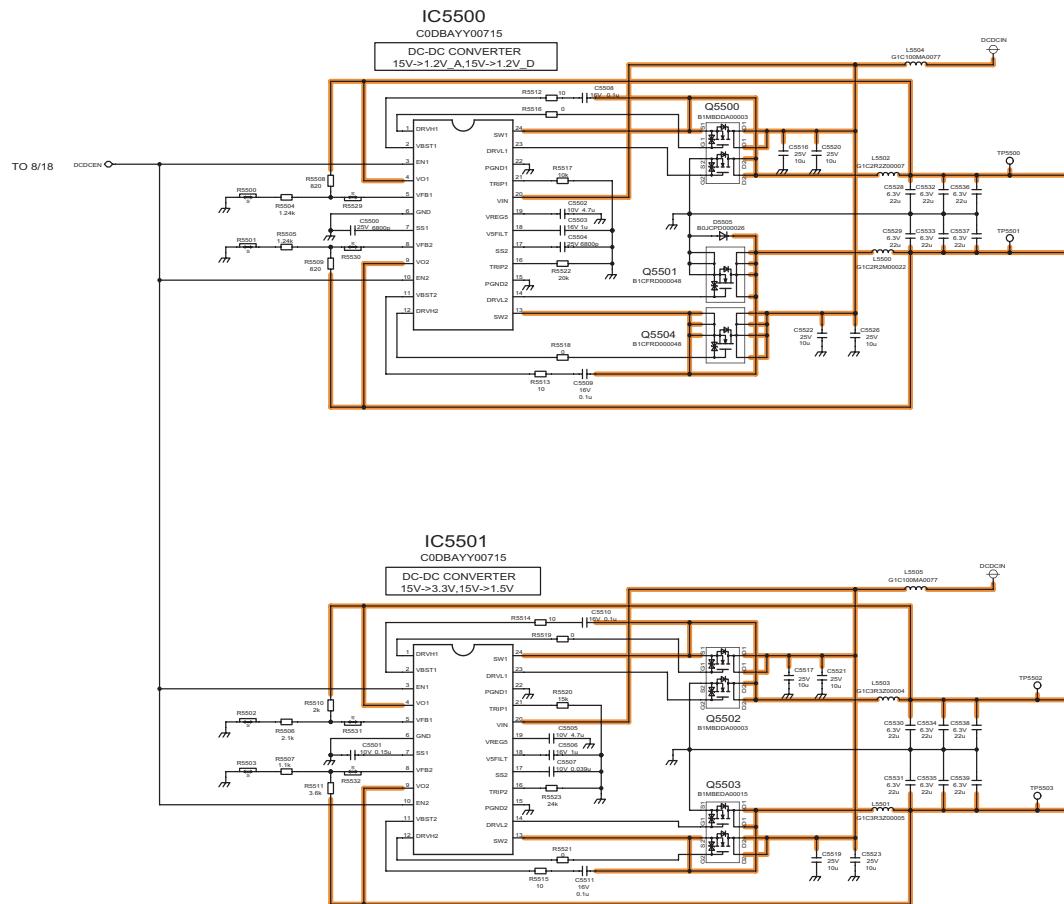
12.21. A-Board (16/18) Schematic Diagram

⚠ A-BOARD TXN/A1LGUUS (16/18) LOCK_LDA2-POWER



12.22. A-Board (17/18) Schematic Diagram

 A-BOARD TXN/A1LGUUS (17/18) LOCK_LDA2-DCDC



145

146

147

148

149

150

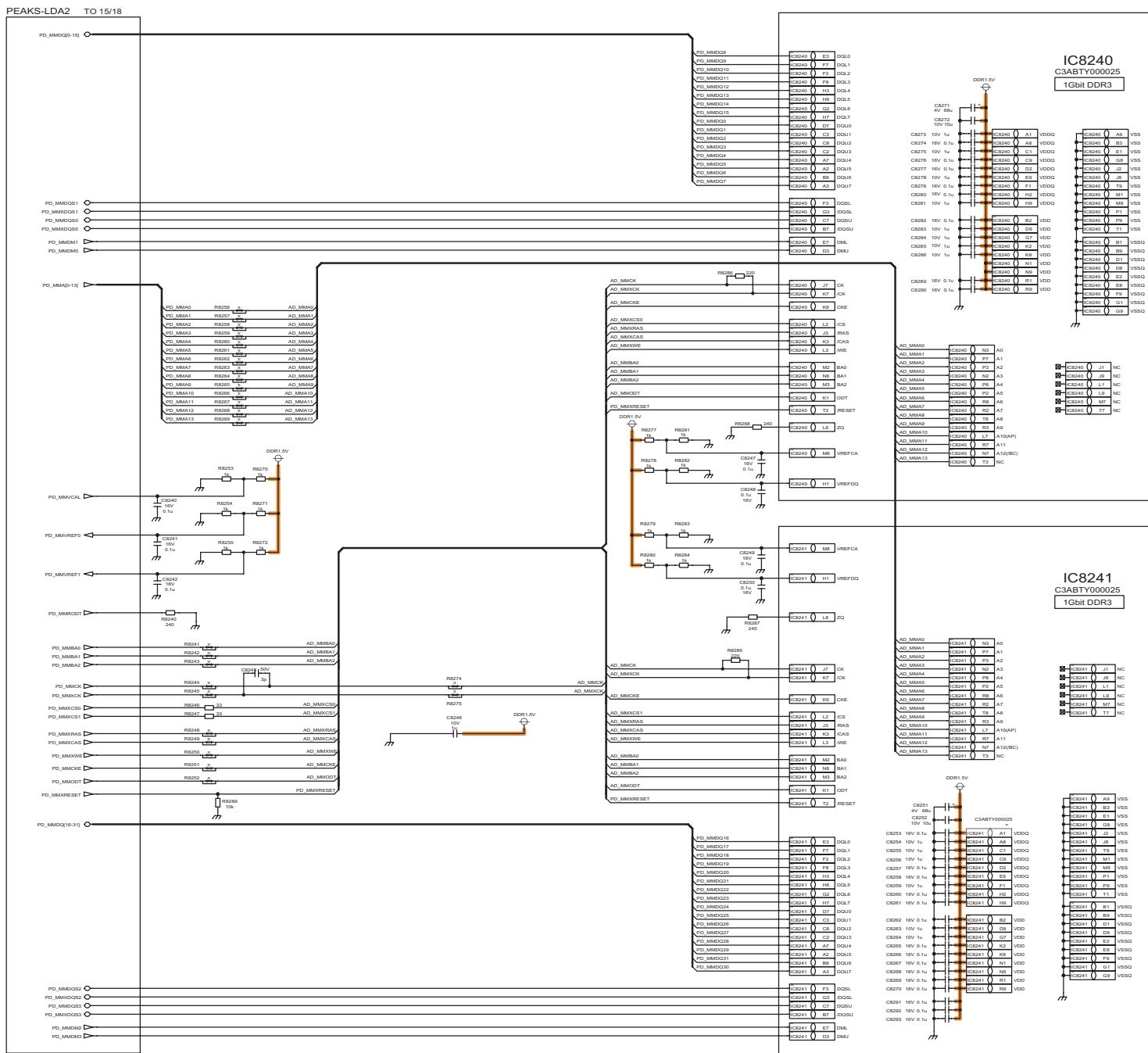
151

152

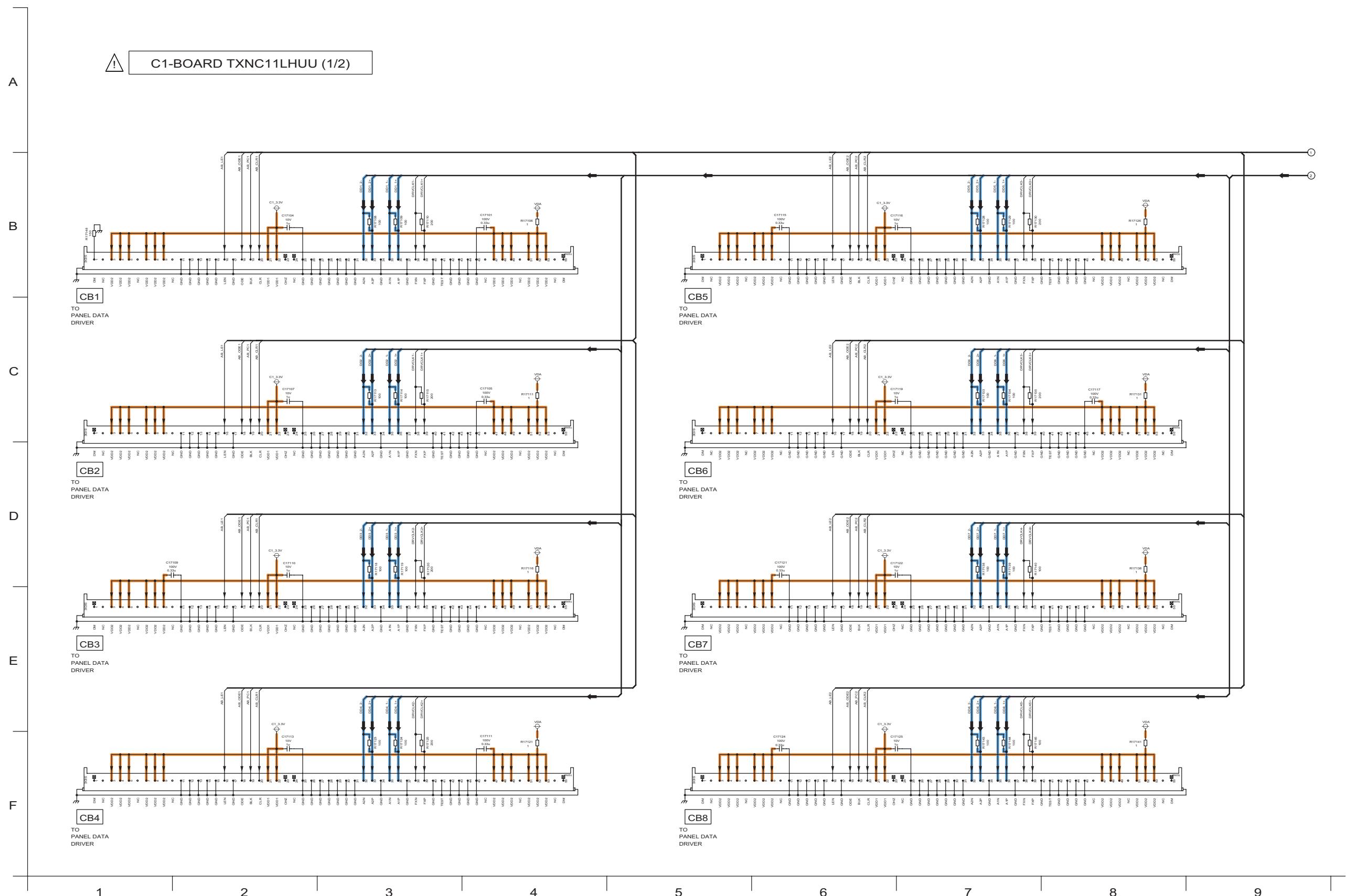
153

12.23. A-Board (18/18) Schematic Diagram

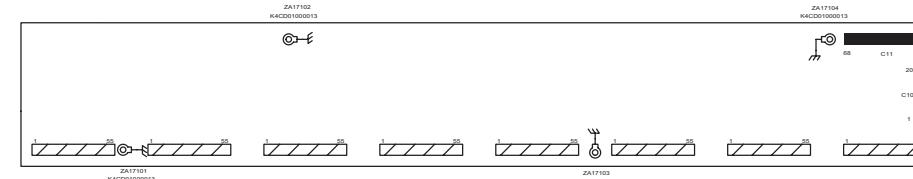
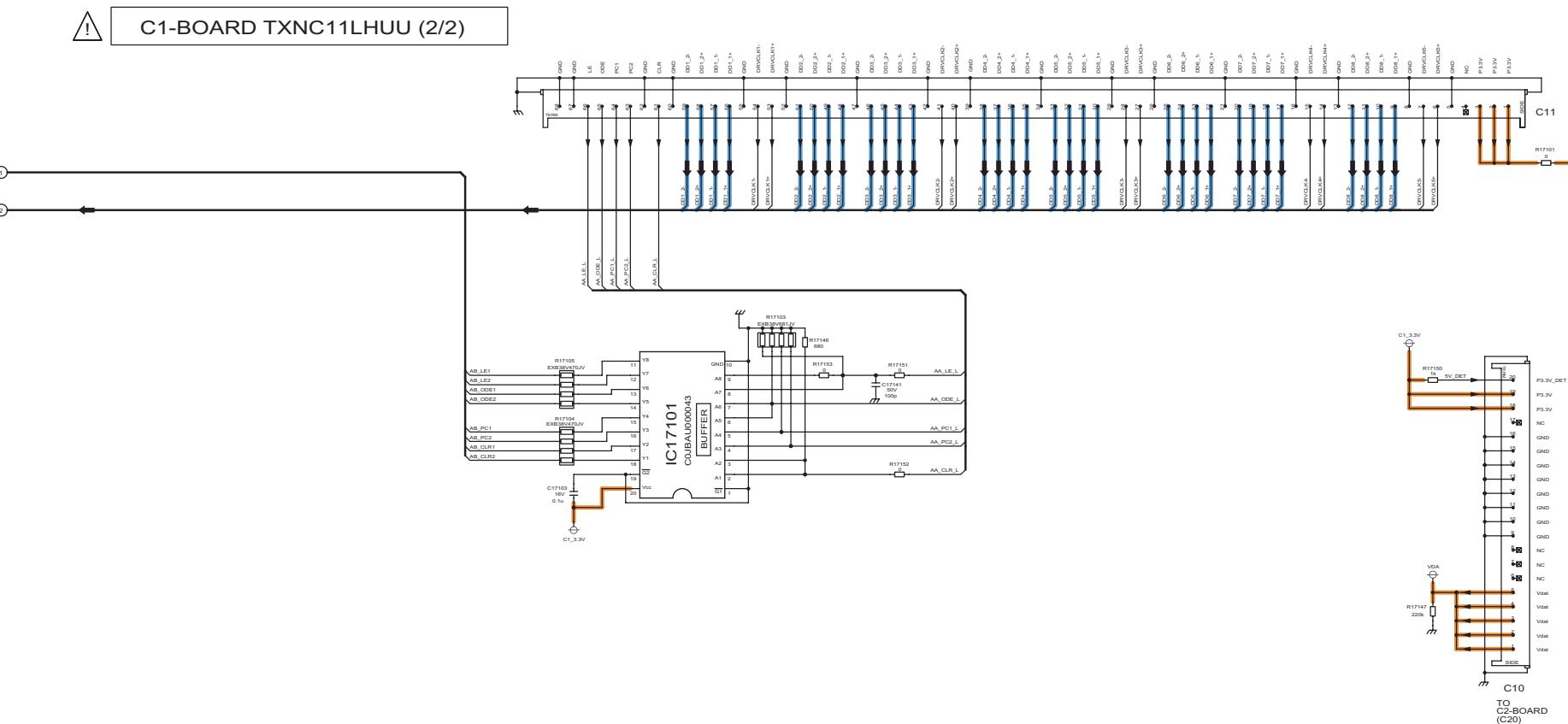
⚠ A-BOARD TXN/A1LGUUS (18/18) LOCK_DDR3



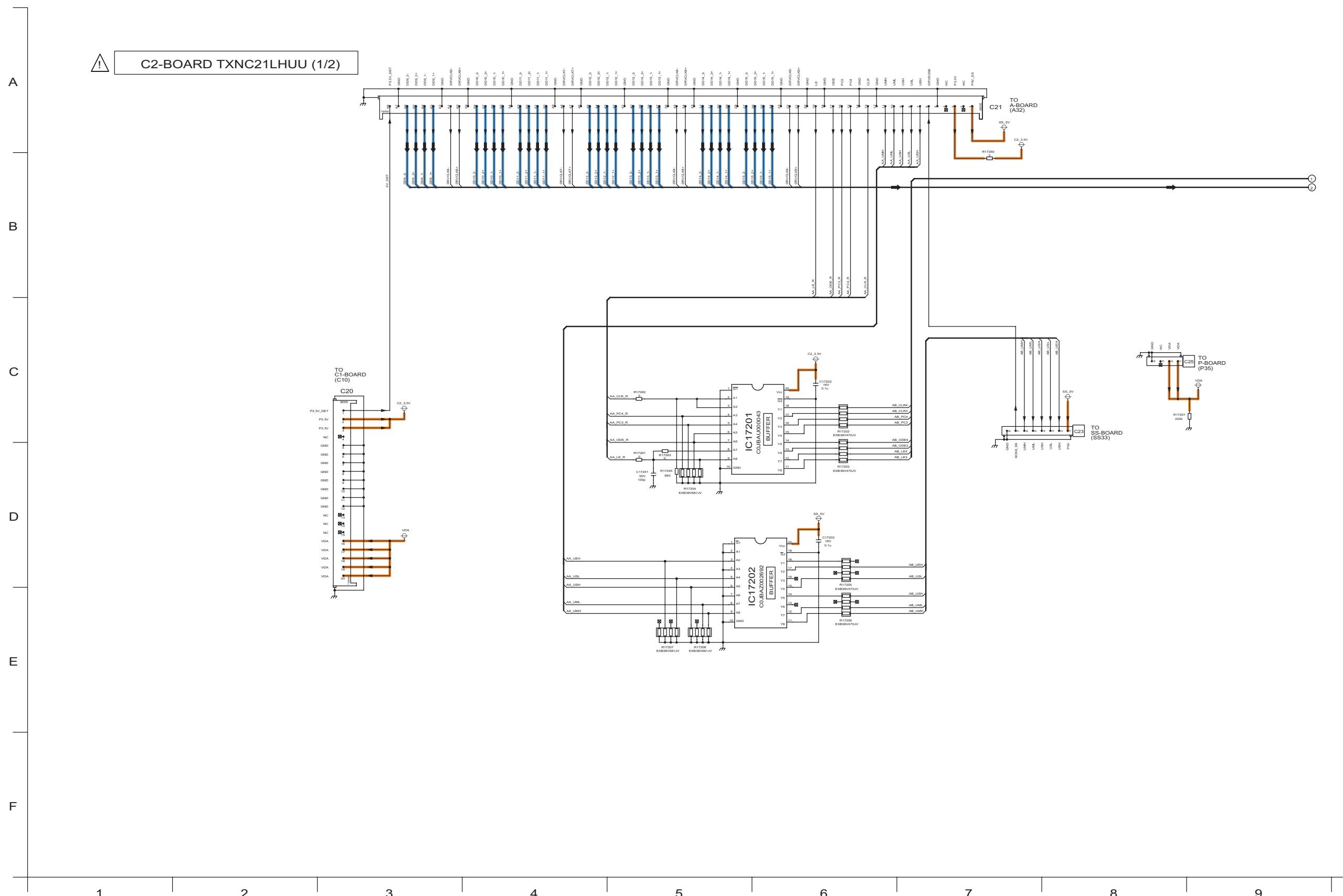
12.24. C1-Board (1/2) Schematic Diagram



12.25. C1-Board (2/2) Schematic Diagram



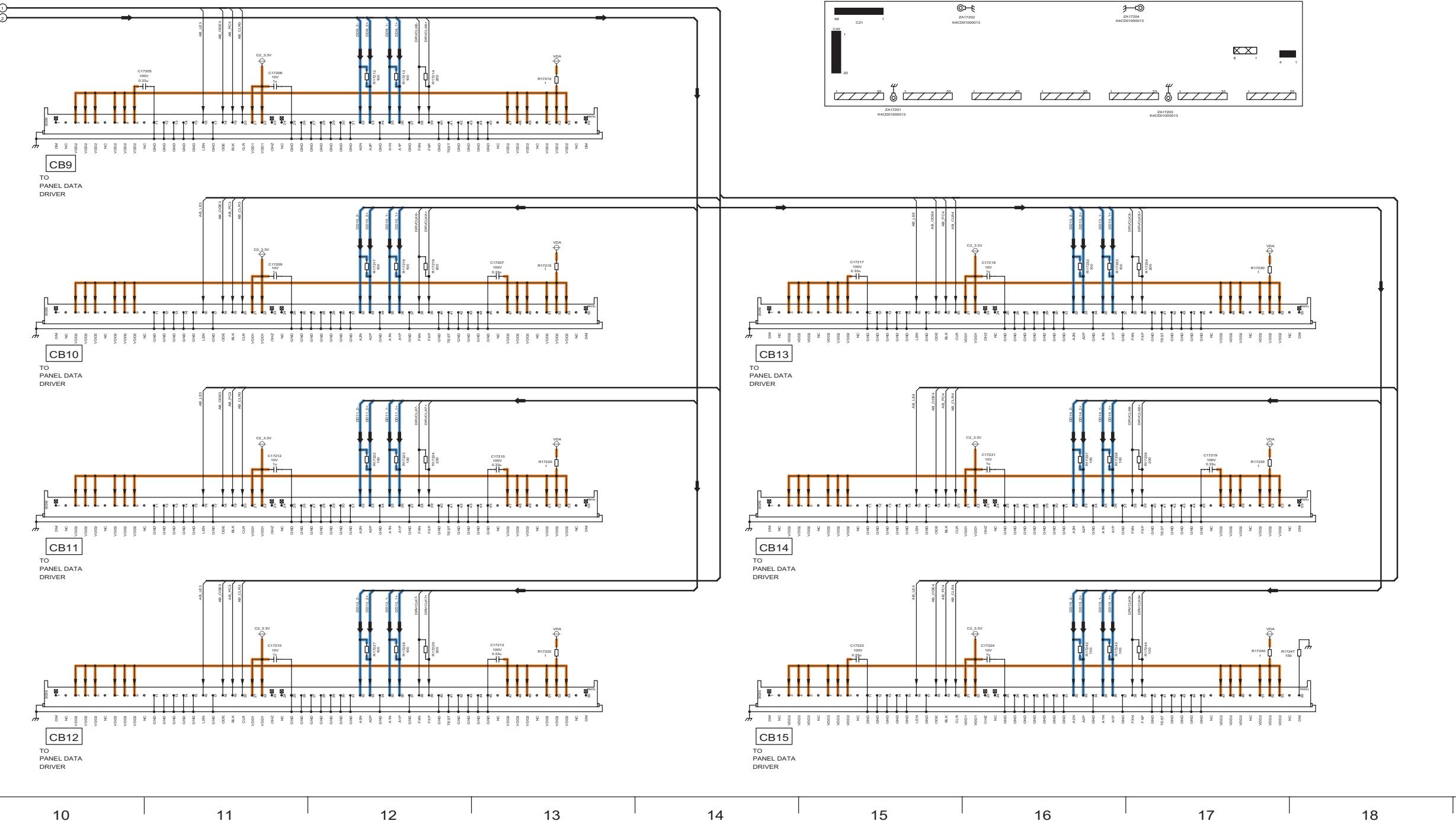
12.26. C2-Board (1/2) Schematic Diagram



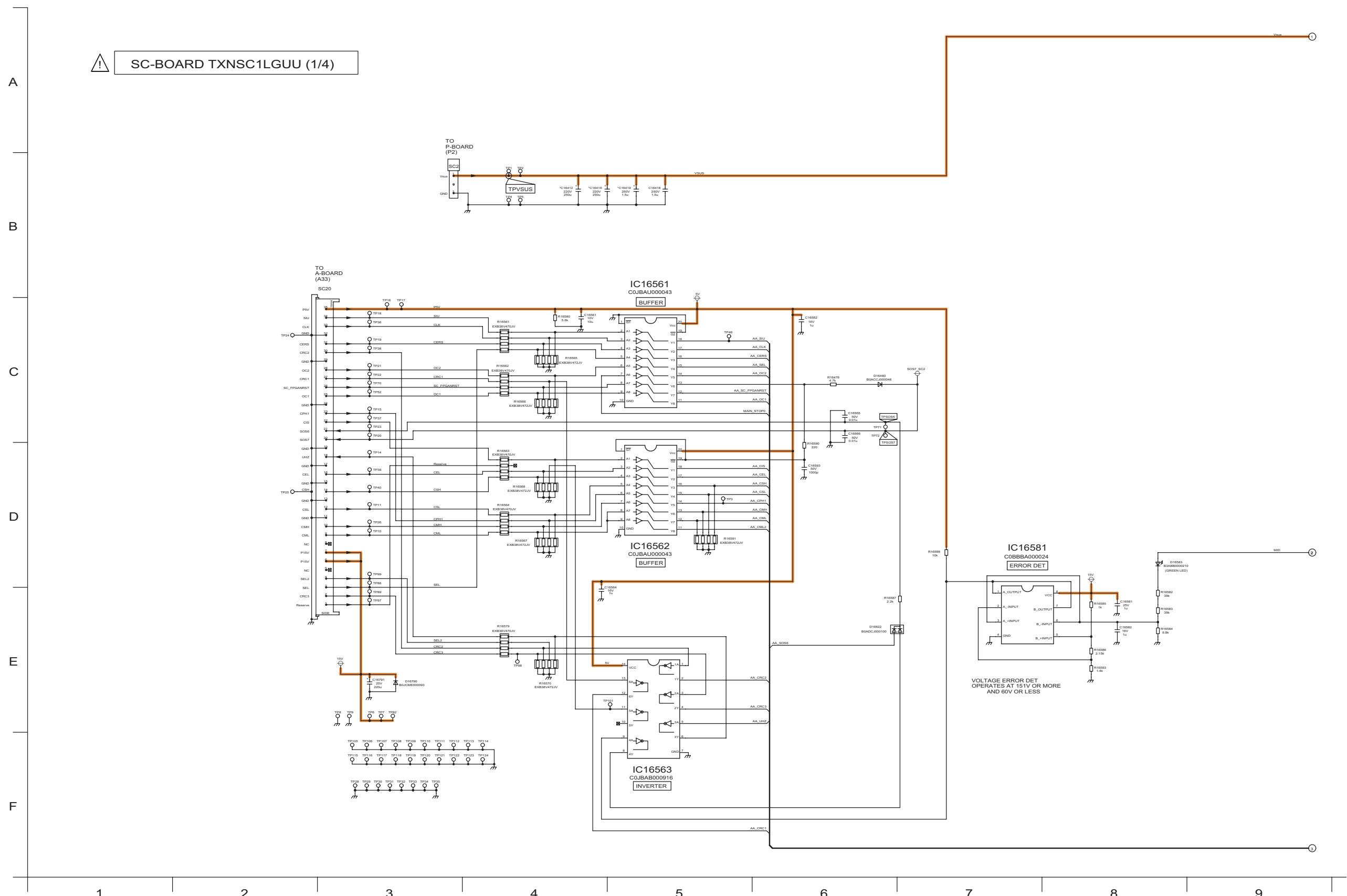
12.27. C2-Board (2/2) Schematic Diagram



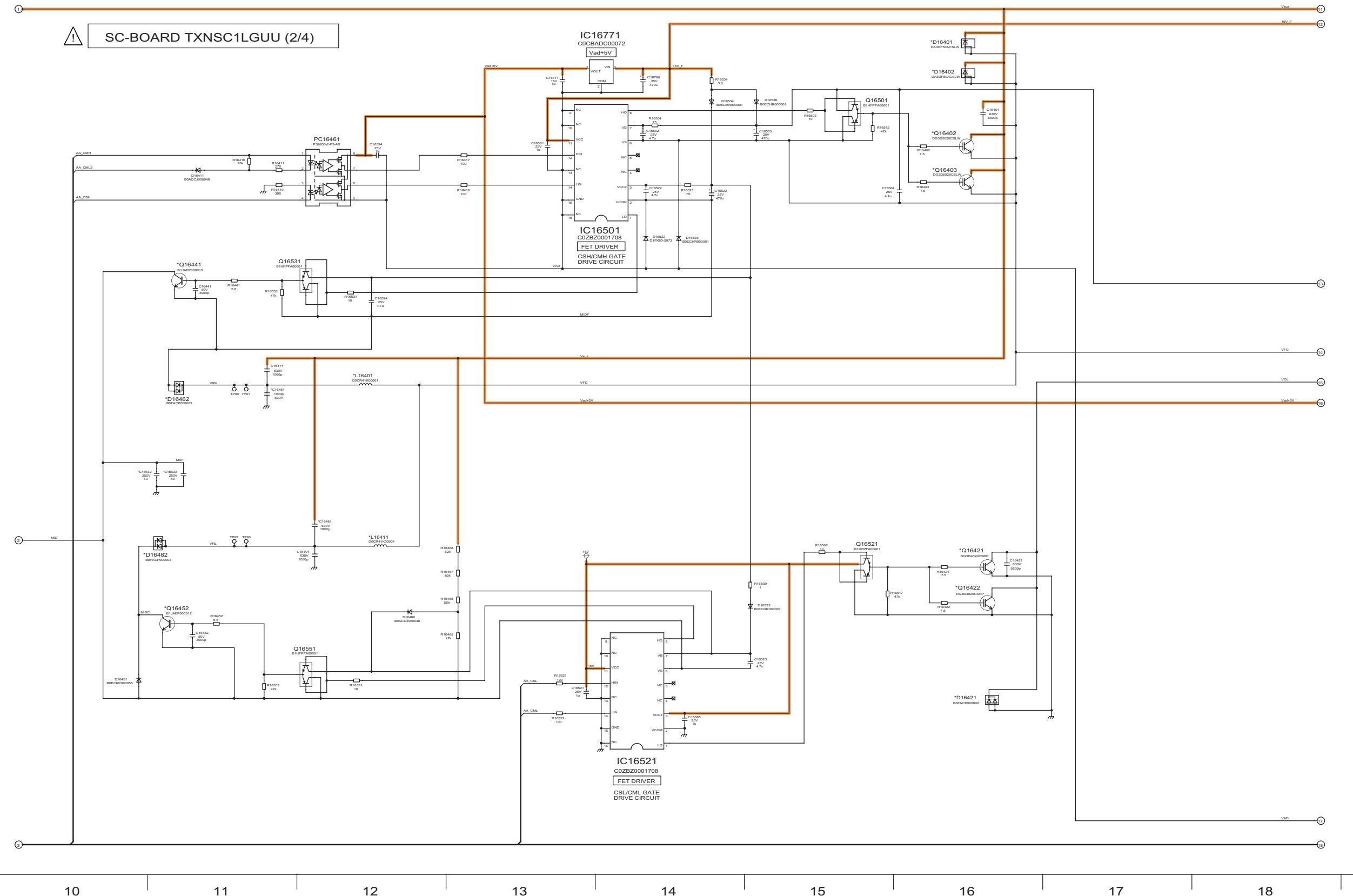
C2-BOARD TXNC21LHUU (2/2)



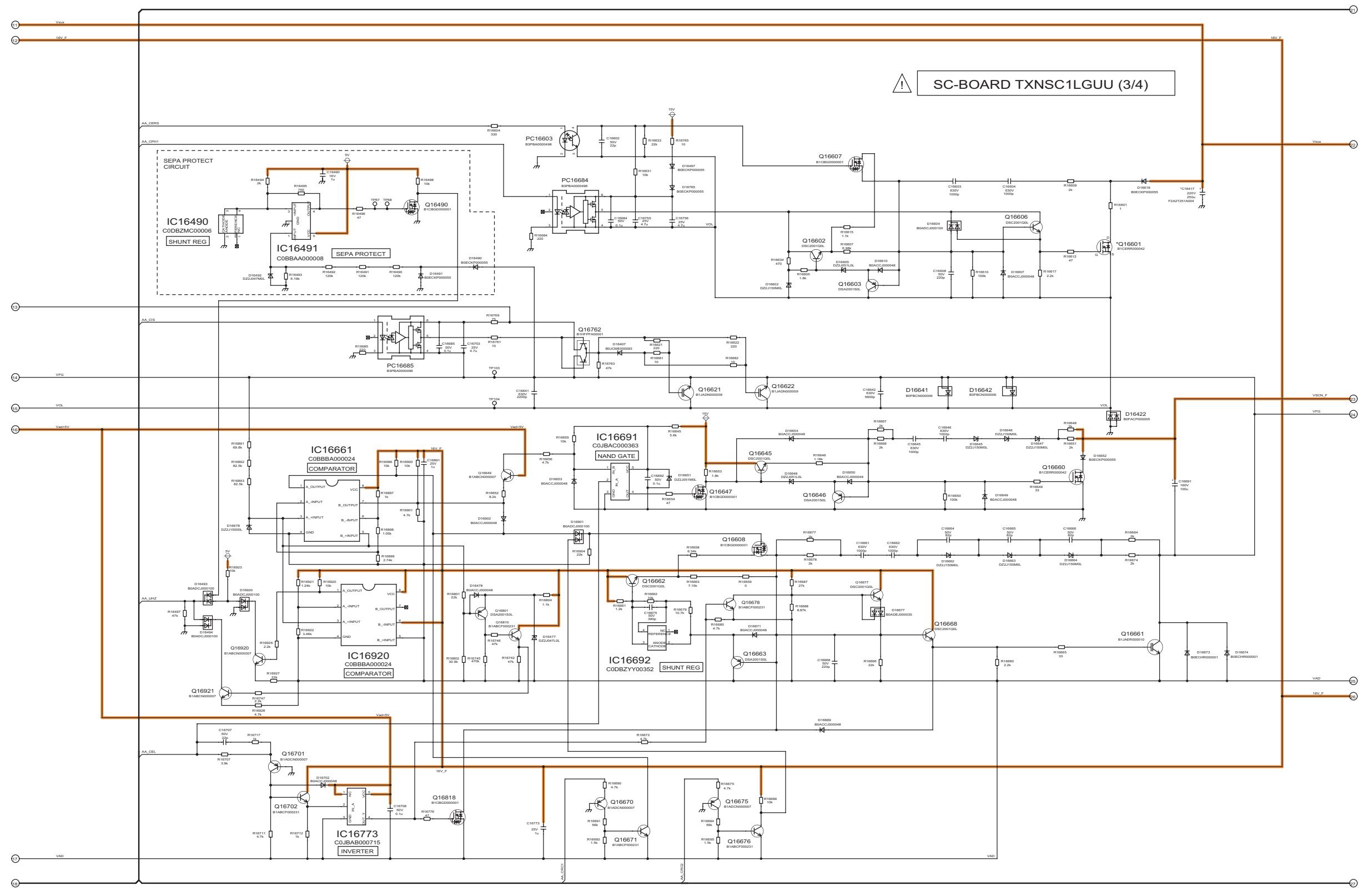
12.28. SC-Board (1/4) Schematic Diagram



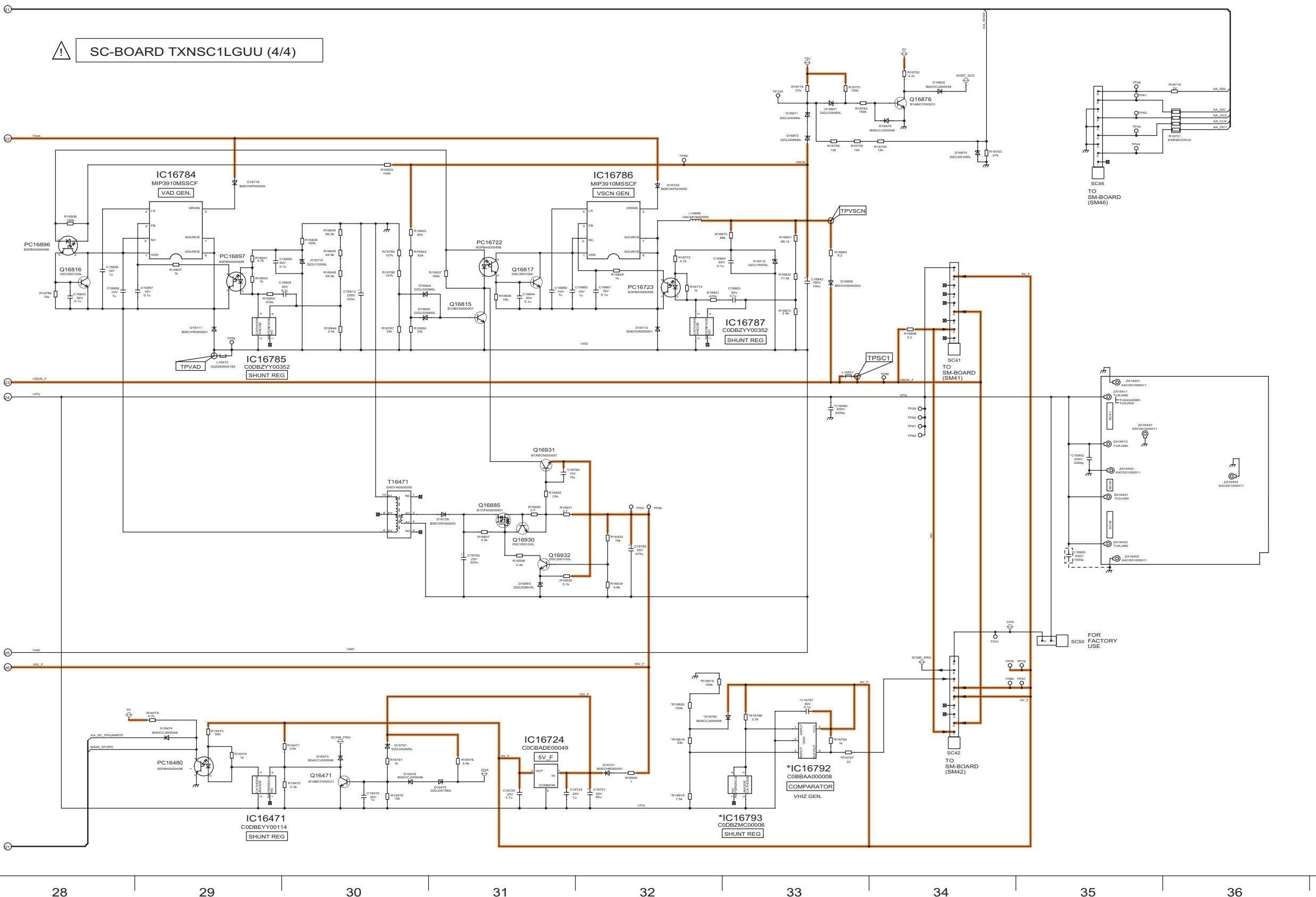
12.29. SC-Board (2/4) Schematic Diagram



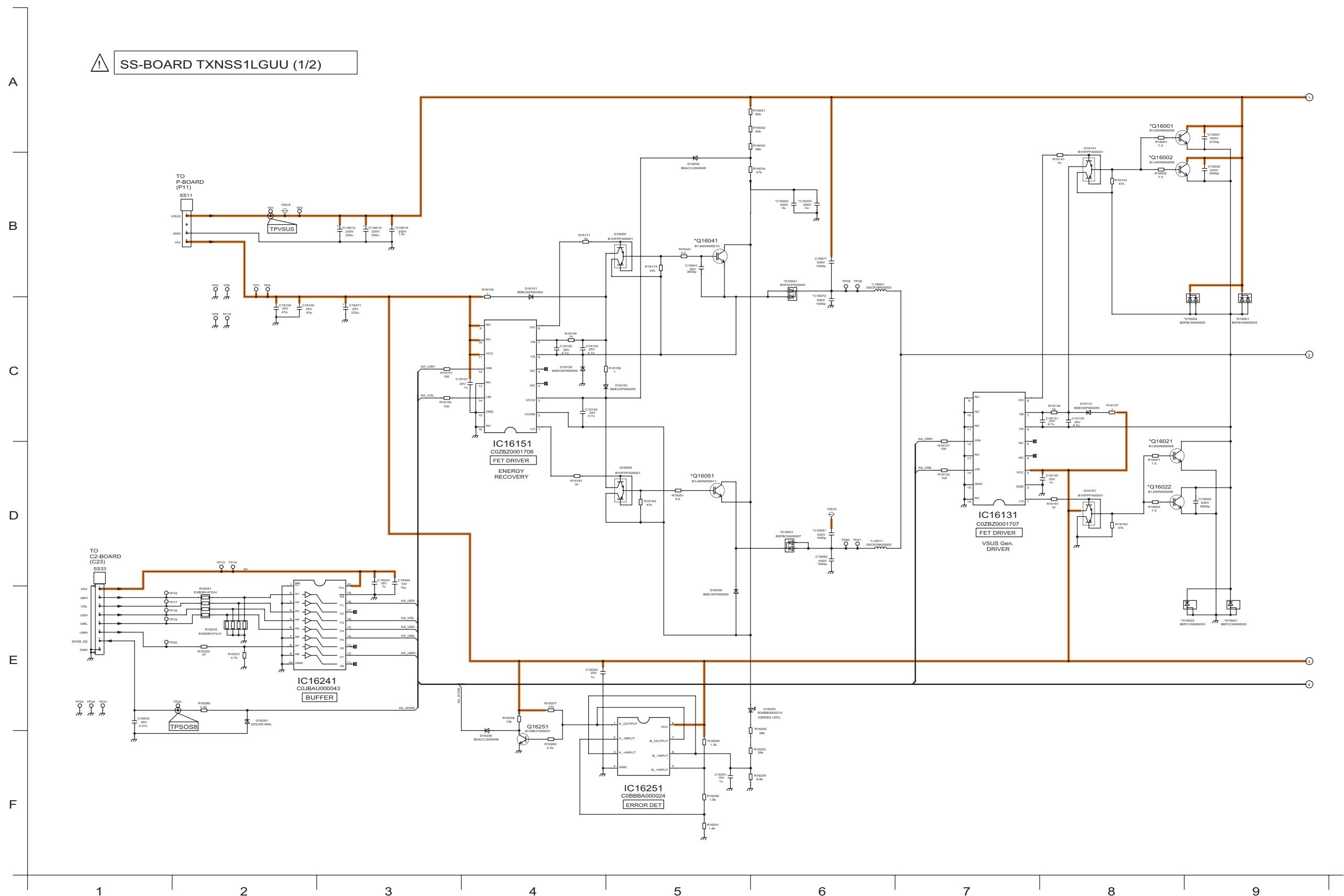
12.30. SC-Board (3/4) Schematic Diagram



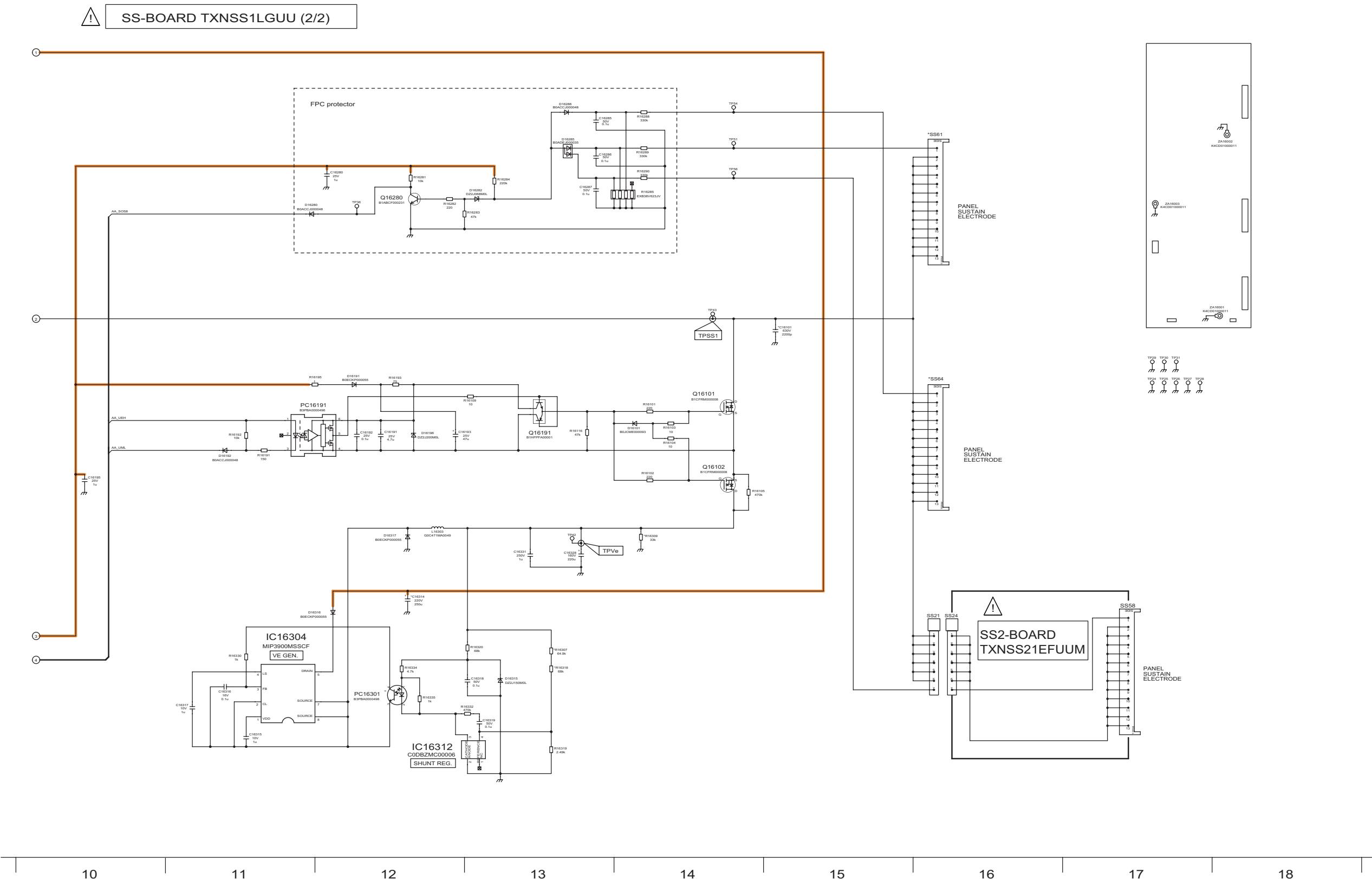
12.31. SC-Board (4/4) Schematic Diagram



12.32. SS-Board (1/2) Schematic Diagram

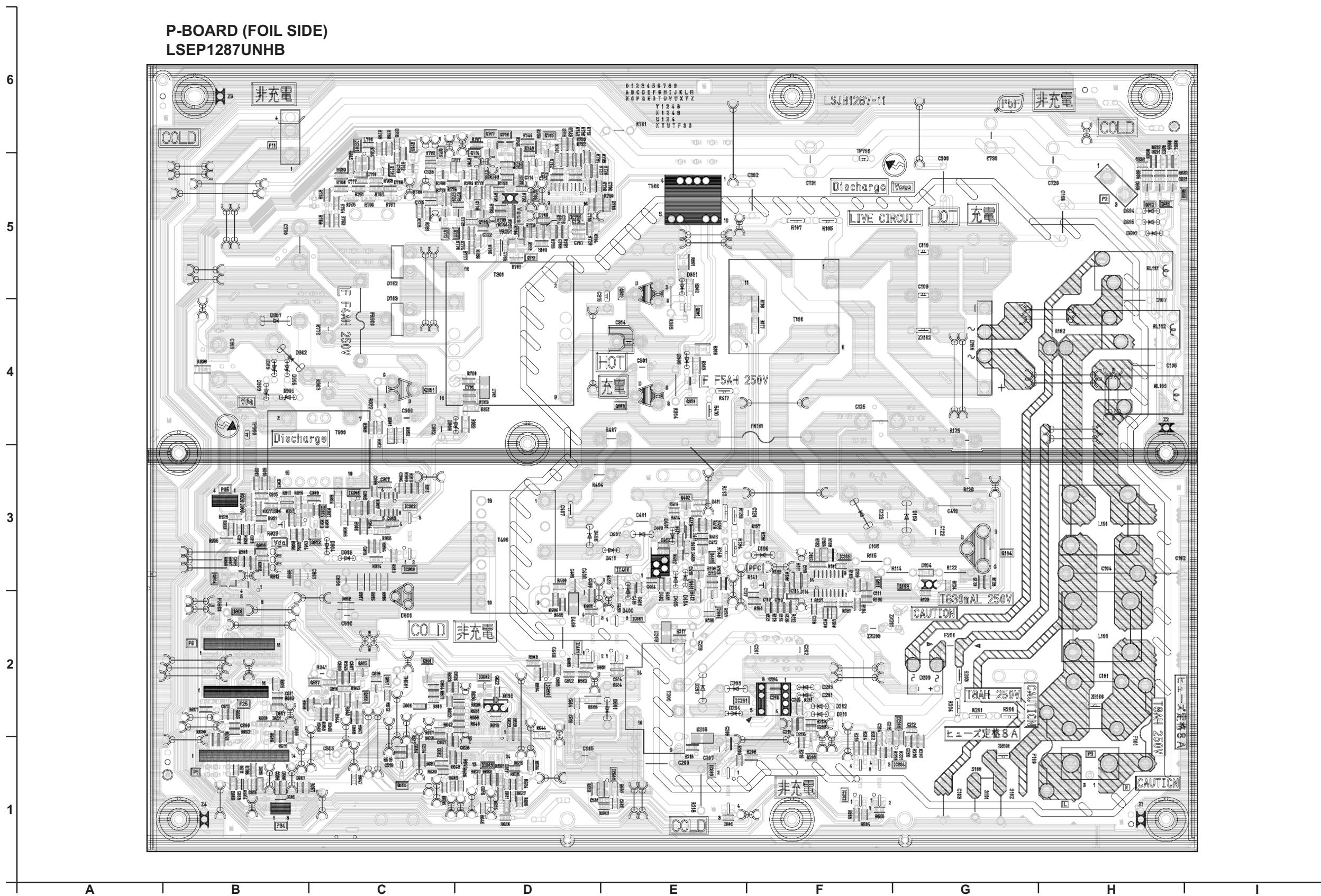


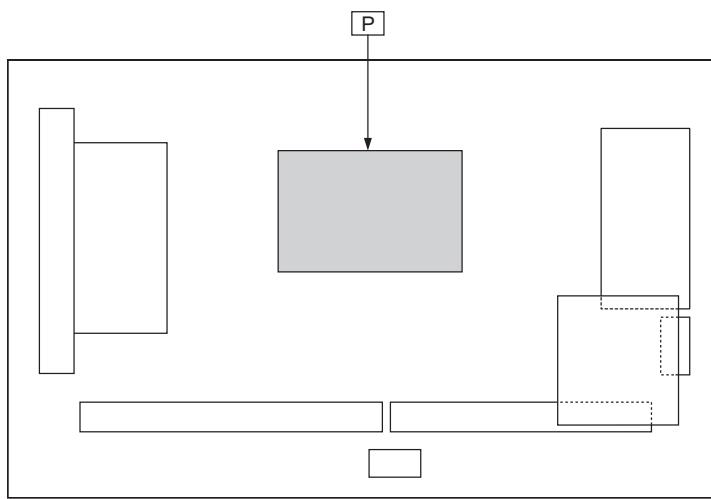
12.33. SS-Board (2/2) and SS2-Board Schematic Diagram



13 Printed Circuit Board

13.1. P-Board





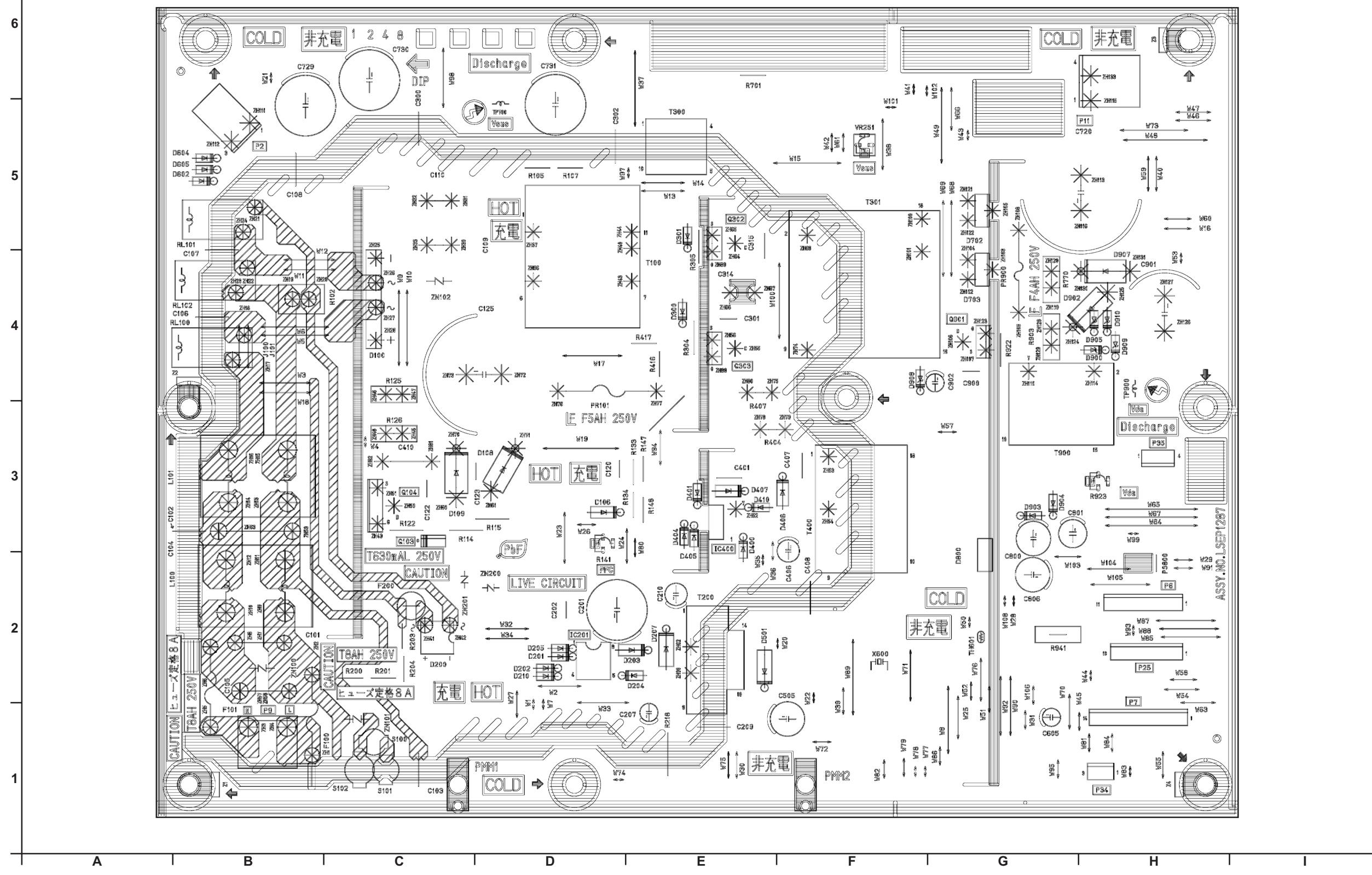
Parts Location

P-BOARD (FOIL SIDE)				
IC	TRANSISTOR	VOLUME		
IC100	F-3	Q100	E-2	R141 F-3
IC200	G-2	Q101	F-3	R923 B-3
IC201	E-2	Q103	G-3	VR251 D-5
IC202	F-2	Q104	G-3	
IC400	E-3	Q200	F-1	
IC401	D-2	Q300	E-4	
IC500	E-1	Q301	E-4	
IC600	E-1	Q302	E-5	
IC601	E-2	Q303	E-4	
IC602	D-2	Q400	E-3	
IC603	D-1	Q401	E-3	
IC604	G-1	Q402	E-3	
IC700	C-6	Q505	C-1	
IC701	D-5	Q600	H-5	
IC800	D-2	Q601	C-2	
IC901	C-3	Q602	H-5	
IC902	C-3	Q609	H-5	
IC903	C-3	Q701	D-5	
IC904	C-3	Q703	D-5	
		Q705	D-6	
		Q706	D-6	
		Q707	D-6	
		Q708	C-6	
		Q709	D-5	
		Q710	D-5	
		Q711	D-5	
		Q712	C-5	
		Q713	C-5	
		Q714	D-6	
		Q715	C-6	
		Q800	B-2	
		Q801	C-2	
		Q804	B-2	
		Q805	B-2	
		Q806	B-2	
		Q807	B-2	
		Q900	B-3	
		Q901	C-4	
		Q902	C-3	

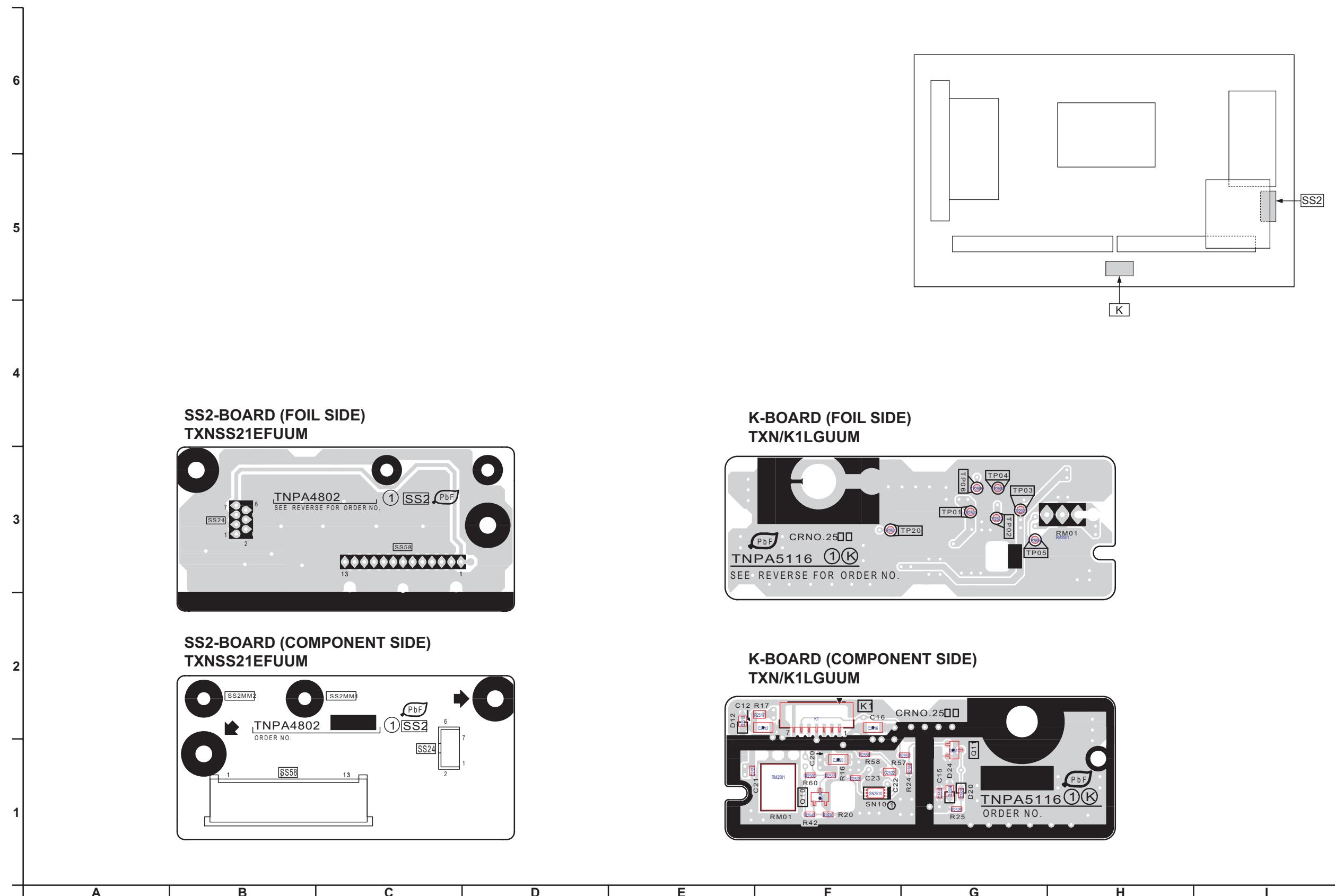
Parts Location

P-BOARD (COMPONENT SIDE)				
IC	TRANSISTOR	VOLUME		
IC201	D-2	Q103	C-3	R141 D-2
IC400	E-3	Q104	C-3	R923 H-3
		Q302	E-5	VR251 F-5
		Q303	E-4	
		Q901	G-4	
TEST POINT				
		TP700		D-5
		TP900		H-4

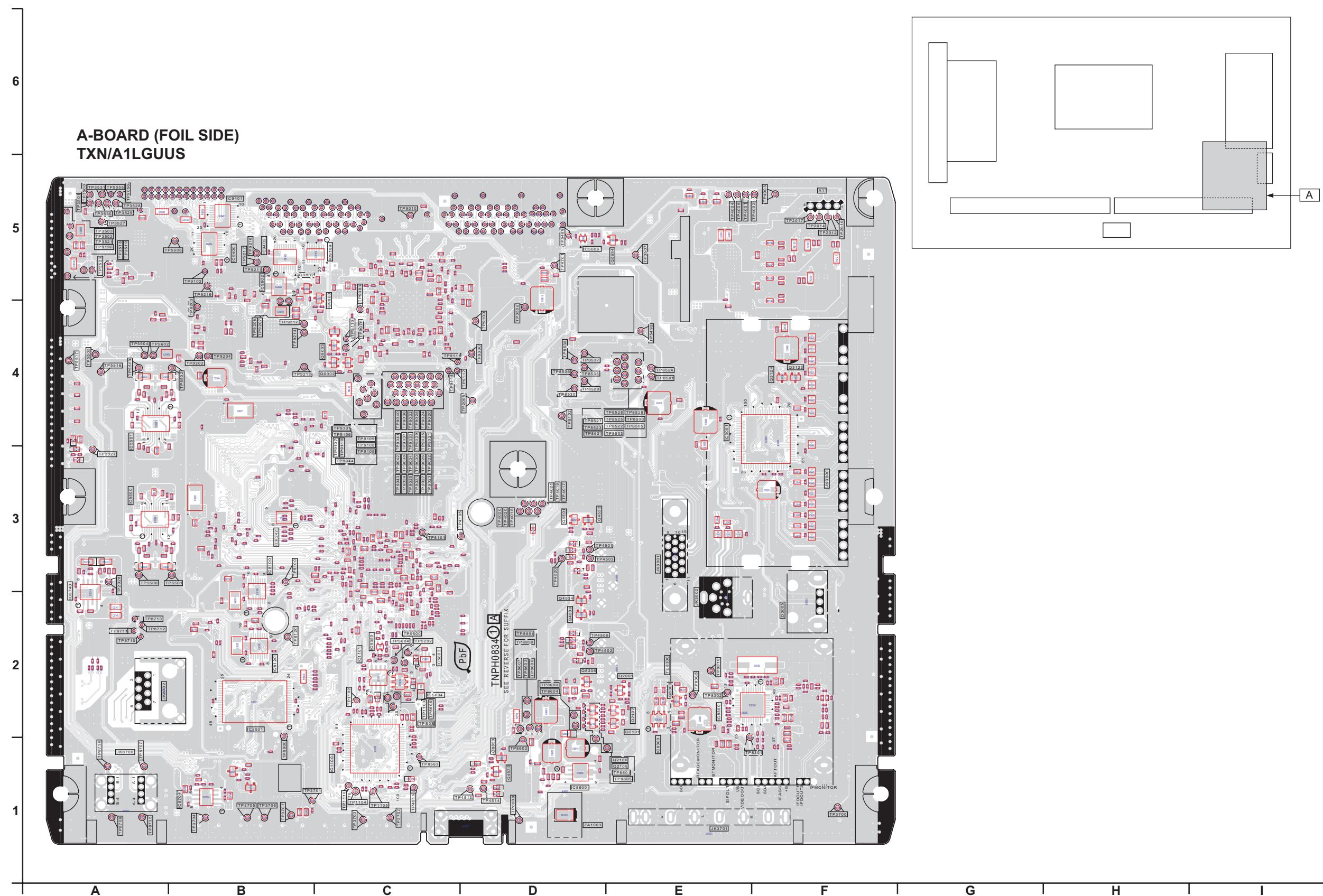
**P-BOARD (COMPONENT SIDE)
LSEP1287UNHB**



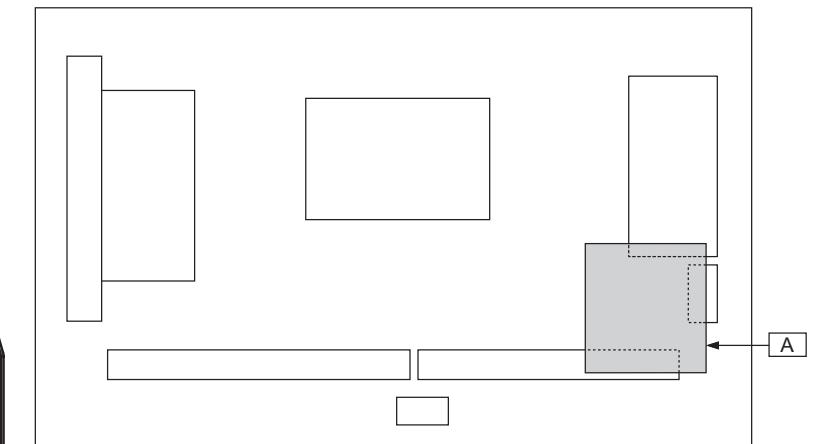
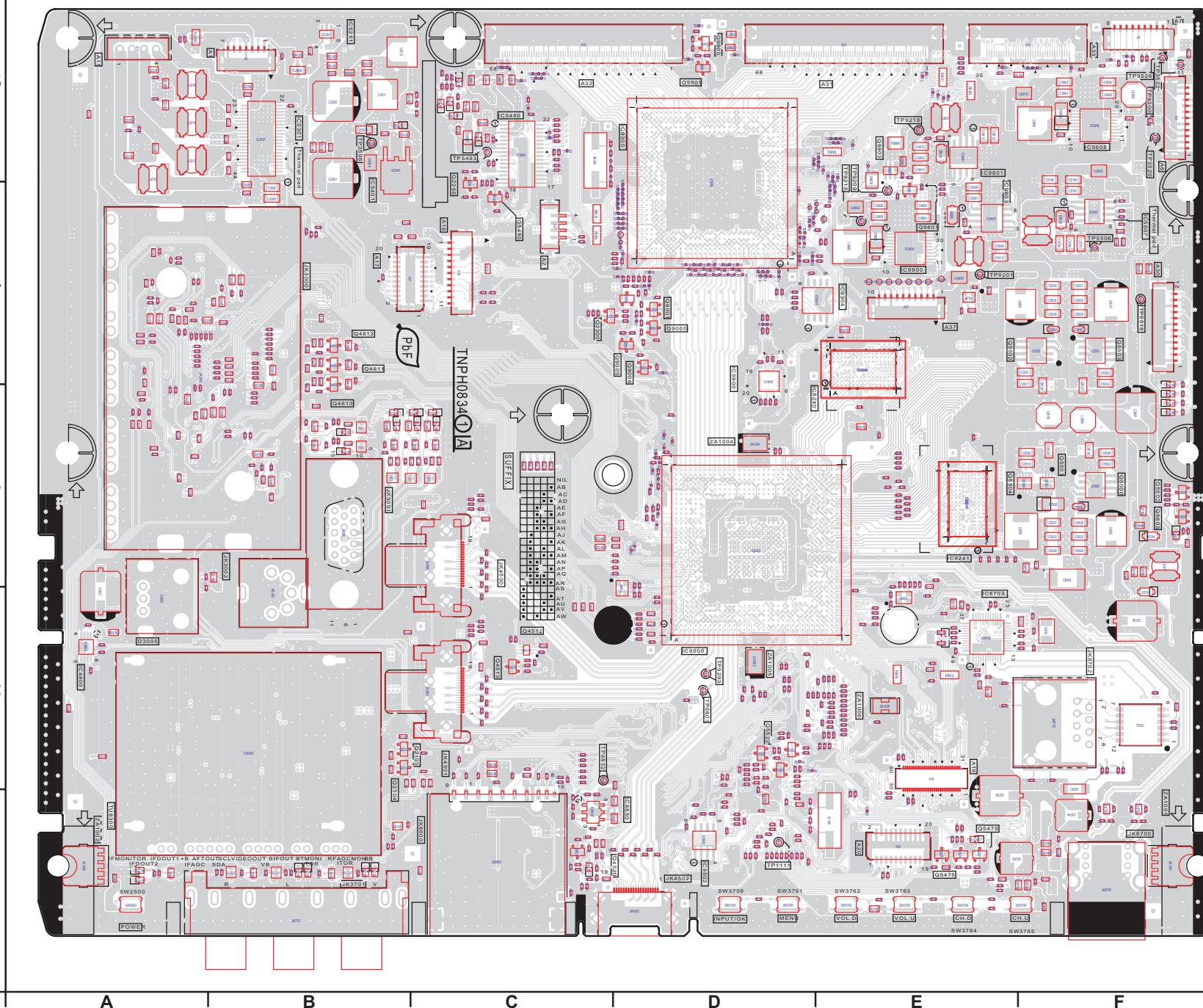
13.2. K and SS2-Board



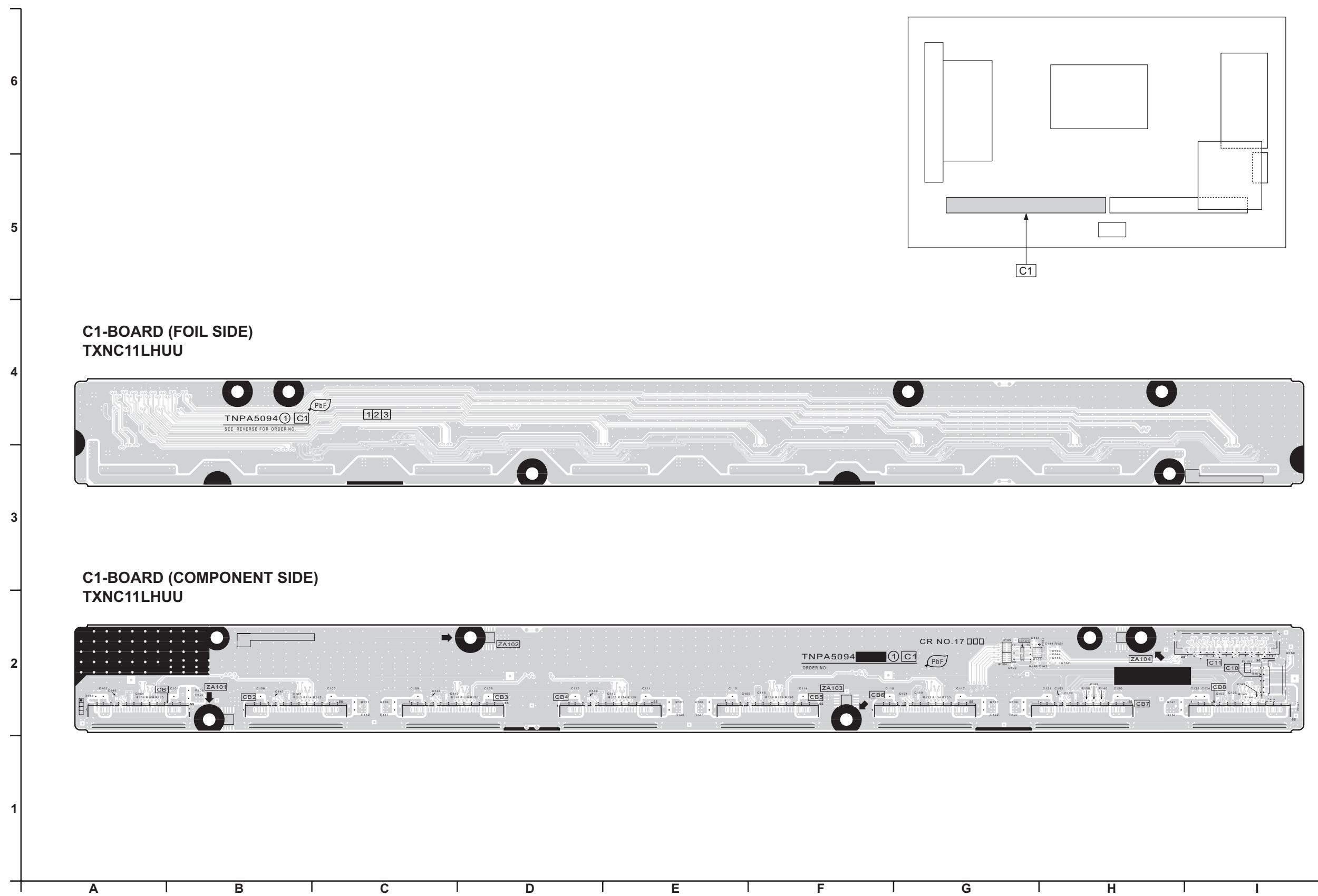
13.3. A-Board



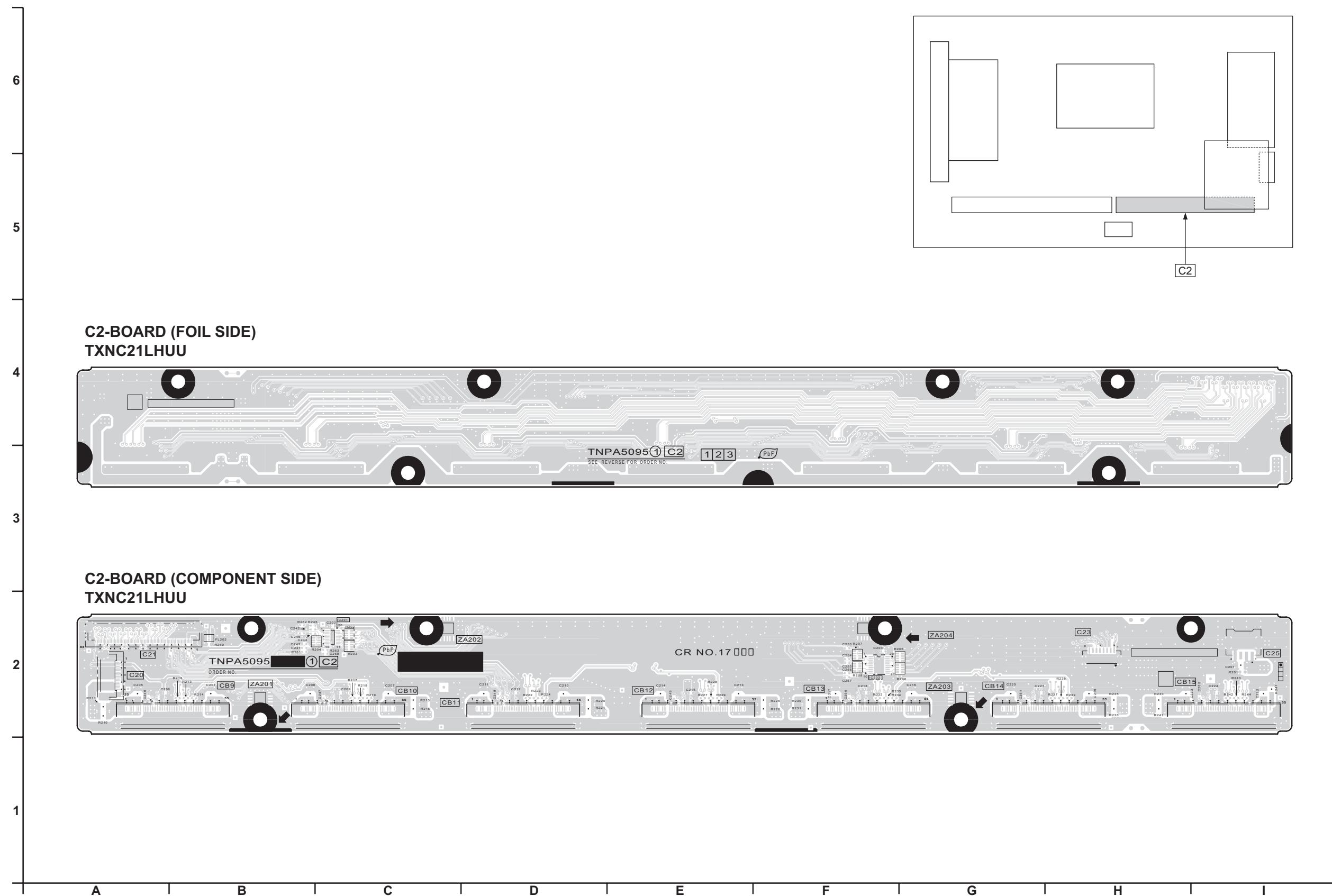
**A-BOARD (COMPONENT SIDE)
TXN/A1LGUUS**



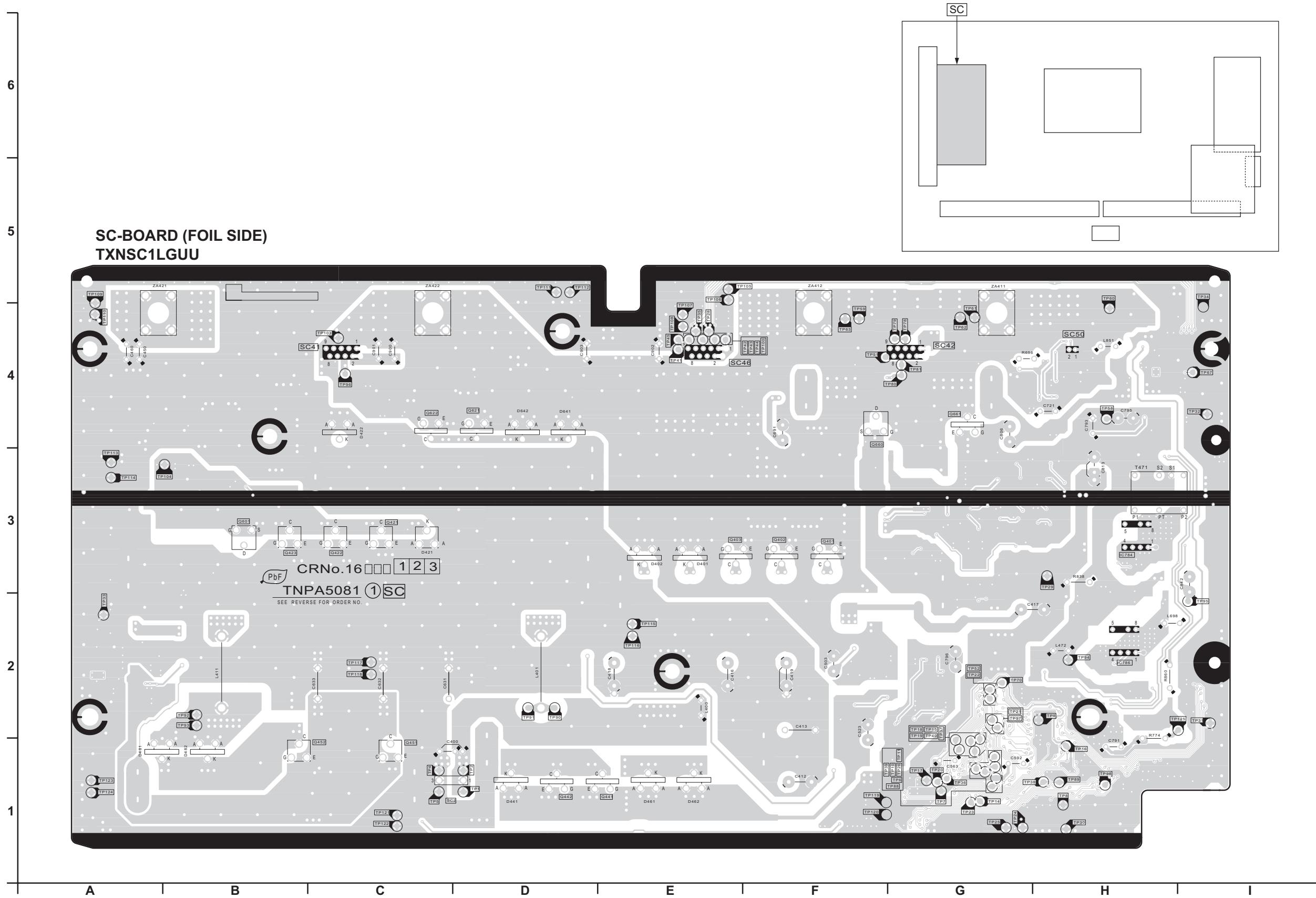
13.4. C1-Board

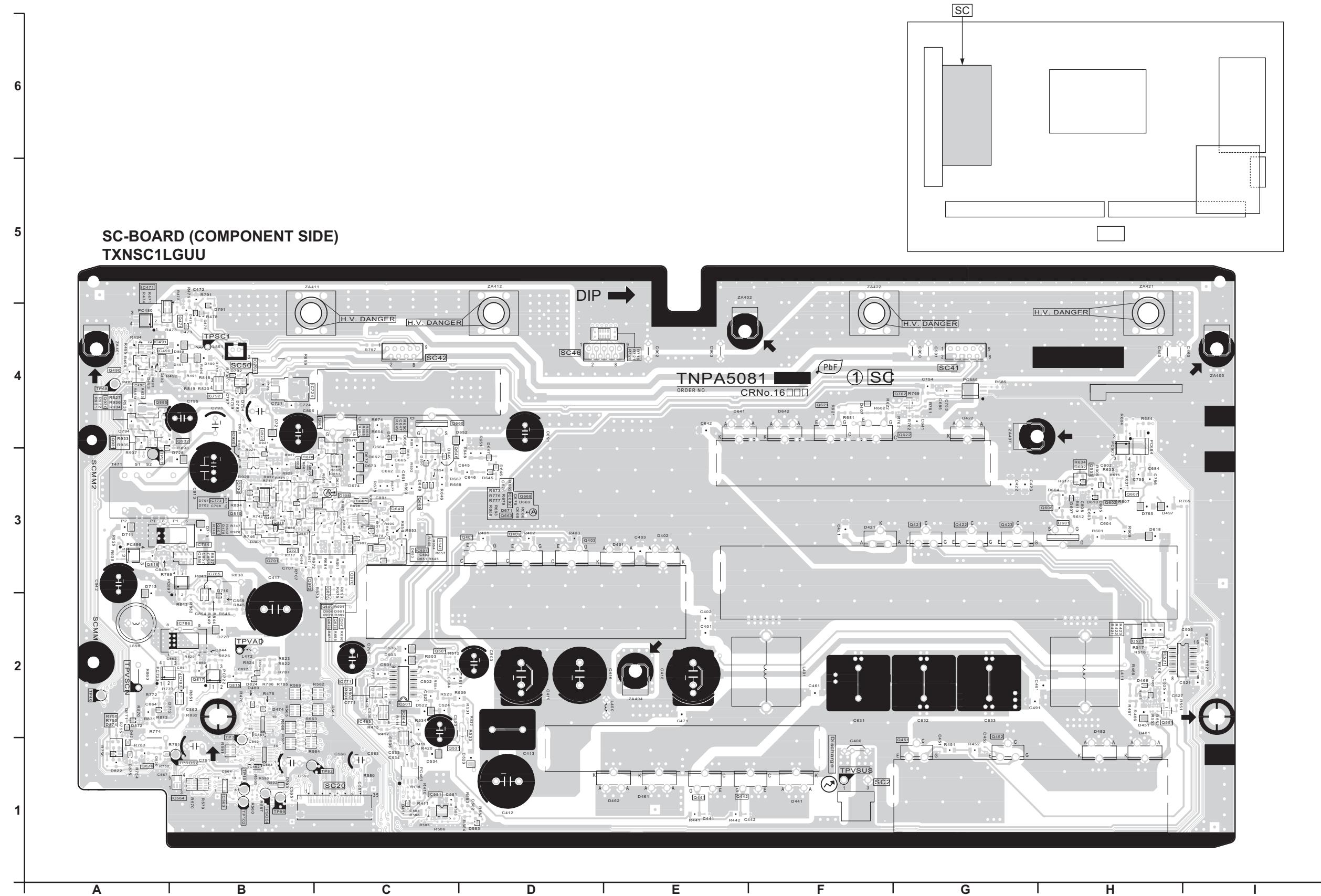


13.5. C2-Board

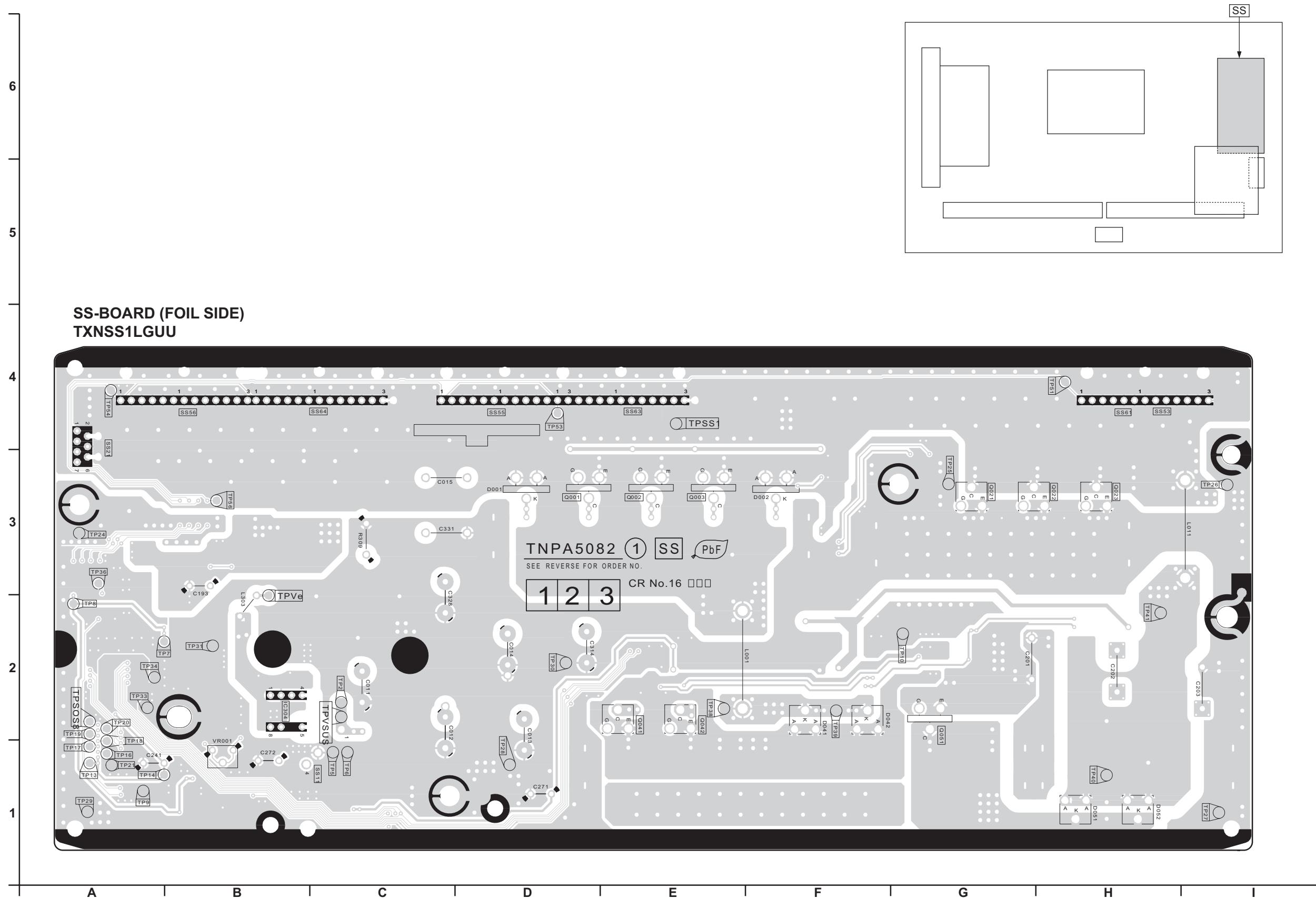


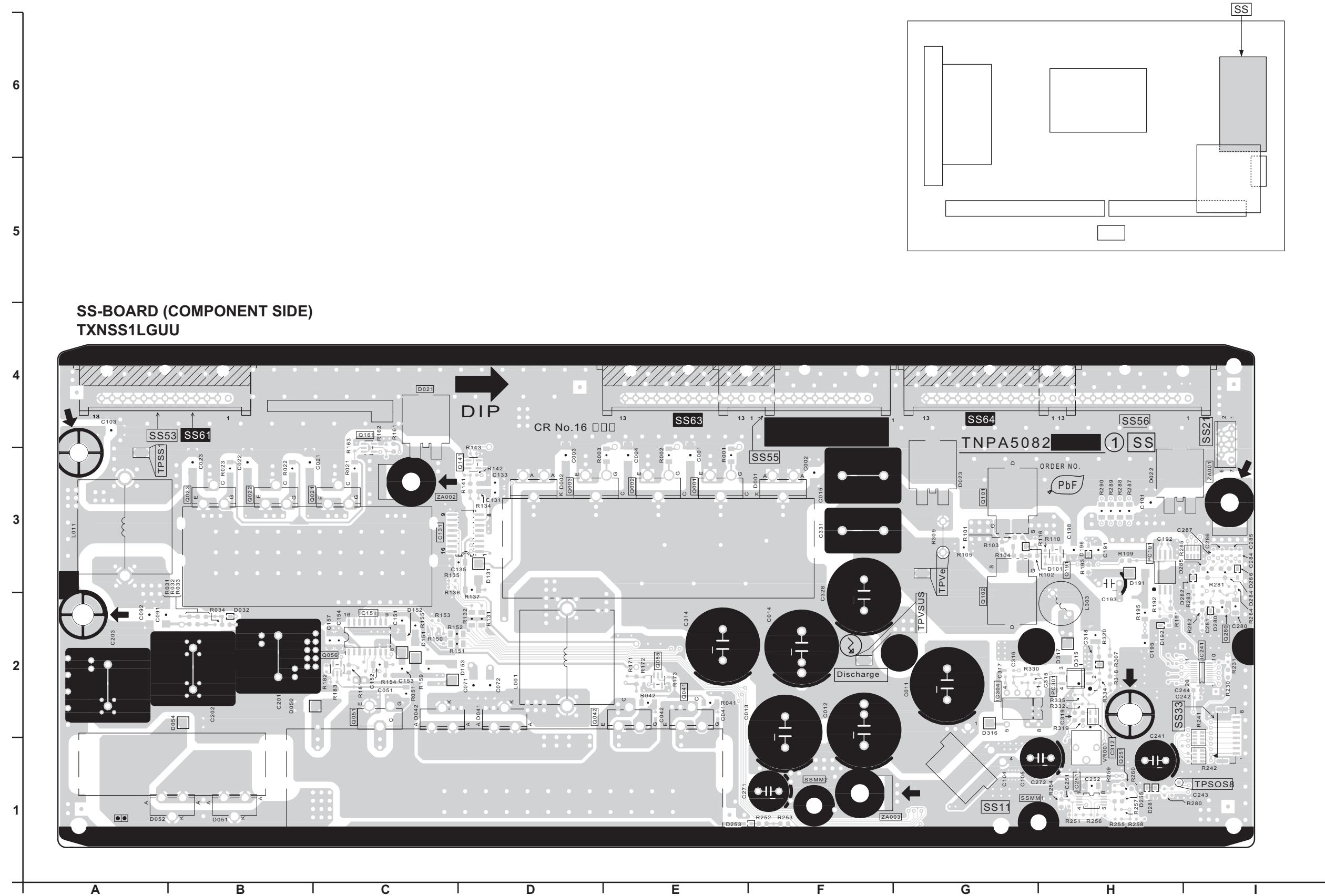
13.6. SC-Board





13.7. SS-Board

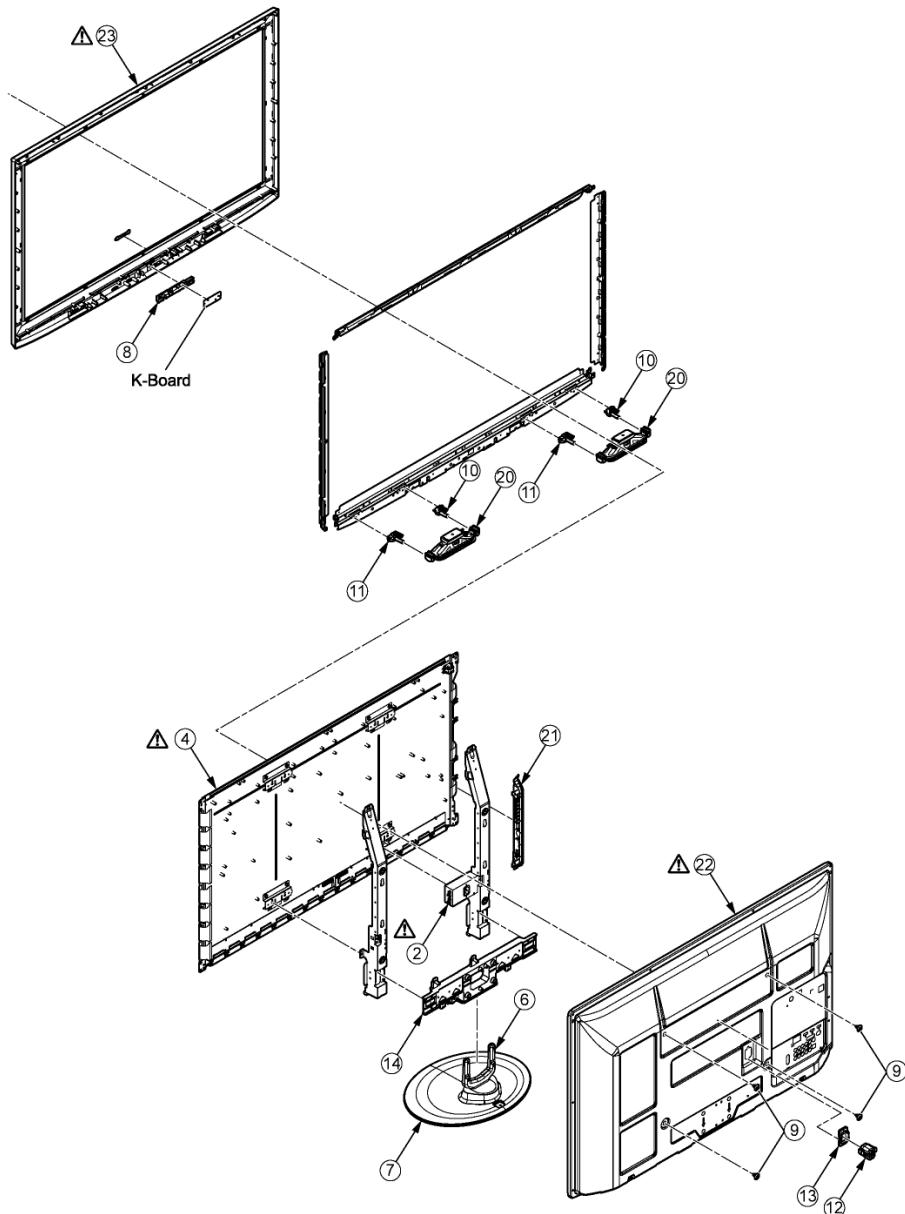




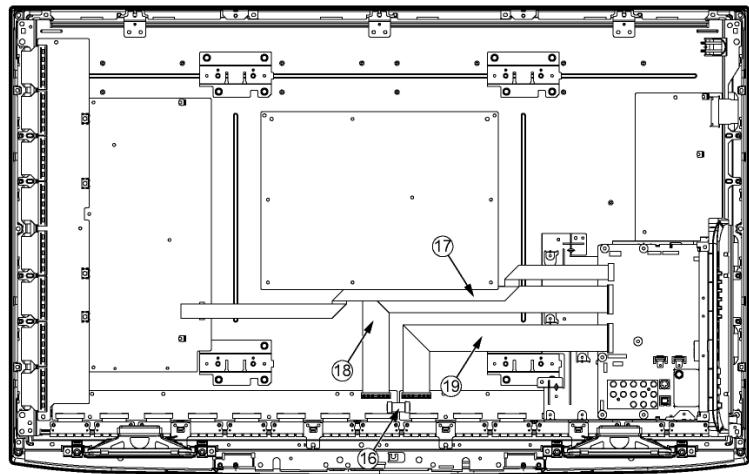
14 Exploded View and Replacement Parts List

14.1. Exploded View and Mechanical Replacement Parts List

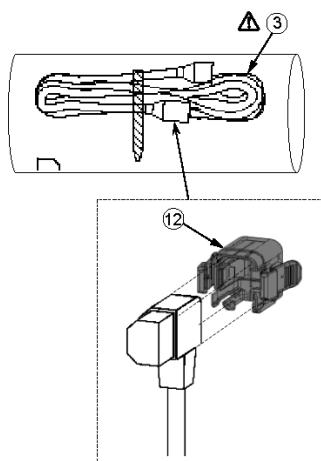
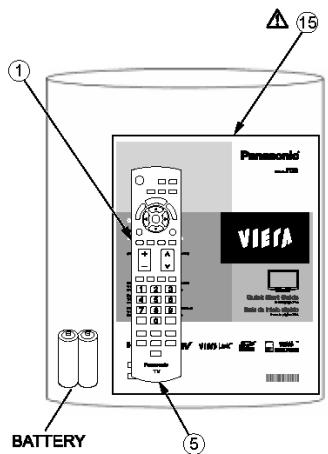
14.1.1. Exploded View 1



14.1.2. Exploded View 2



14.1.3. Accessories



14.1.4. Mechanical Replacement Parts List

Note: All parts except parts mentioned [PAVCA] in the Remarks column are supplied by AVC-CSPC.
Parts mentioned [PAVCA] are supplied by PAVCA.

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	1	10030-0048000	BATTERY COVER	1	PAVCA
⚠	2	K2AHYH000033	AC INLET WITH CABLE	1	PAVCA
⚠	3	K2CG3YY00060	AC CORD(USA)	1	PAVCA
⚠	4	MD42F13C2A	PLASMA DISPLAY PANEL	1	PAVCA
	5	N2QAYB000486	REMOTE CONTROL	1	PAVCA
	6	TBLA3828	STAND POLE	1	
	7	TBLX0146	PEDESTAL STAND	1	PAVCA
		THEL0429	SCREW	5	
		THEL052Z	SCREW (BC TOP:4)	4	
		THEL080N	SCREW (M5x30)	4	
		THTD020J	SCREW(A-PRINT:4)	4	
		THTF016J	SCREW(TU:2)	2	
		THTF016J	SCREW(P:9 SC:7 SS:8 SM:3 CMMT:3)	30	
		THTF016J	SCREW(DD:30 C:8)	38	
	8	TKK2AA5003	LED PANEL	1	PAVCA
	9	TKKL5493	M8 CAP	4	
		TMM23417	CLAMPER	3	
		TMME224	CLAMPER	2	
		TMME331	CLAMPER(P:1)	1	
		TMME332	CLAMPER(HANGER_STAND:4)	4	
		TMME332	CLAMPER(SS:1)	1	
		TMME332	CLAMPER	2	
		TMME379	CLAMPER	2	
	10	TMW2AA003	SP BRACKET L	2	PAVCA
	11	TMW2AA004	SP BRACKET R	2	PAVCA
	12	TMXX064	AC CORD CLAMPER A	1	
	13	TMXX065	AC CORD CLAMPER B	1	
	14	TMZX5178	ONE LEG BRACKET	1	
		TPDX0016-1	JOINT FOR PEDESTAL	1	
⚠	15	TQB2AA0585	OIB(ENG/FRE/SPA)	1	PAVCA
		TQZJ206	SCREW USE HANDBILL	1	
	16	TSXL519	CABLE (C10-C20)	1	
	17	TSXL989	CABLE (A20-SC20)	1	PAVCA
	18	TSXL990	CABLE (C11-A31)	1	PAVCA
	19	TSXL991	CABLE (C21-A32)	1	PAVCA
	20	TXFEA01XSER	SPEAKER L/R ASSY	2	PAVCA
	21	TXFKP04XSER	SIDE TERMINAL COVER	1	PAVCA
⚠	22	TXFKU07XSER	REAR COVER	1	PAVCA
⚠	23	TXFKY01LGUU	CABINET ASSY	1	PAVCA
		TXJA11LGUU	SPEAKER LEAD (A11-SPR/SPL)	1	PAVCA
		XSB3+6FJ	SCREW(HDMI:3)	4	
		XSB4+8FNK	SCREW M4x8 Black	2	
		XTB4+12GFJ	SCREW(GH:20 PW:2 LED:1)	27	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		XTB4+12GFJK	SCREW(BC:10)	10	
		XTV3+10JFJK	SCREW(REA AV:2)	2	
		XYN3+F10FJK	SCREW(BC-AC INLET:2)	2	
		XYN3+J10FJ	SCREW	29	
		XYN4+E6FJ	SCREW(INLET:1)	1	
		XYN4+F10FJ	SCREW(SM:4)	4	
		XYN4+F10FJ	SCREW(HANGER METAL:4 ONE LEG BRACKET:4)	8	
		XYN4+F10FJ	SCREW(SP BRACKET:4)	4	
		XYN4+F10FJ	SCREW(AL-CONTACT:4)	4	
		XYN5+F18FN	SCREW (STAND POLE)	6	

14.2. Electrical Replacement Parts List

14.2.1. Replacement Parts List Notes

RTL (Retention Time Limited)

Note: The marking (RTL) indicates that the Retention Time is Limited for this item.

After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependant on the type of assembly, and in accordance with the laws governing part and product retention.

After the end of this period, the assembly will no longer be available.

Abbreviation of part name and description

1. Resistor

Example:

ERD25TJ104 C 100KOHM, J, 1/4W

Type

Allowance

2. Capacitor

Example:

ECKF1H103ZF C 0.01UF, Z, 50V

Type

Allowance

Type	Allowance
C : Carbon	F : $\pm 1\%$
F : Fuse	G : $\pm 2\%$
M : Metal Oxide Metal Film	J : $\pm 5\%$
S : Solid	K : $\pm 10\%$
W : Wire Wound	M : $\pm 20\%$

Type	Allowance
C : Ceramic	C : $\pm 0.25\text{pF}$
E : Electrolytic	D : $\pm 0.5\text{pF}$
P : Polyester	F : $\pm 1\text{pF}$
	G : $\pm 3\text{pF}$
	Iene
T : Tantalum	J : $\pm 5\text{pF}$
	K : $\pm 10\text{pF}$
	L : $\pm 15\text{pF}$
	M : $\pm 20\text{pF}$
	P : +100%, -0%
	Z : +80%, -20%

14.2.2. Electrical Replacement Parts List

Note: All parts except parts mentioned [PAVCA] in the Remarks column are supplied by AVC-CSPC.
Parts mentioned [PAVCA] are supplied by PAVCA.

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
△	PCB	TXN/A1LGUUS	CIRCUIT BOARD A	1	(RTL) PA VCA
△	PCB	LSEP1287UNHB	CIRCUIT BOARD P	1	(RTL) PA VCA
△	PCB	TXNC11LHUU	CIRCUIT BOARD C1	1	(RTL) PA VCA
△	PCB	TXNC21LHUU	CIRCUIT BOARD C2	1	(RTL) PA VCA
△	PCB	TXNSC1LGUU	CIRCUIT BOARD SC	1	(RTL) PA VCA
△	PCB	TNPA5086	CIRCUIT BOARD SM	1	
△	PCB	TXNSS1LGUU	CIRCUIT BOARD SS	1	(RTL) PA VCA
△	PCB	TXNSS21EFUUM	CIRCUIT BOARD SS2	1	(RTL) PA VCA
△	PCB	TXN/K1LGUUM	CIRCUIT BOARD K	1	(RTL) PA VCA
A1	K1KY07AA0719	7P CONNECTOR		1	
A6	K1KY11AA0719	11P CONNECTOR		1	
A7	K1KY09AA0719	9P CONNECTOR		1	
A11	K1KA04AA0190	4P CONNECTOR		1	
A17	K1KA20AA0009	20P CONNECTOR		1	
A18	K1KA11AA00178	11P CONNECTOR		1	
A31	K1MY68BA0345	68P CONNECTOR		1	
A32	K1MY68BA0345	68P CONNECTOR		1	
A33	K1MY35BA0345	35P CONNECTOR		1	
C10	K1MN20BA0231	20P CONNECTOR		1	
C11	K1MY68BA0345	68P CONNECTOR		1	
C20	K1MY20BA0345	20P CONNECTOR		1	
C21	K1MY68BA0345	68P CONNECTOR		1	
C23	K1KY08AA0719	8P CONNECTOR		1	
C25	K1KA04BA0107	4P CONNECTOR		1	
C1102	F1J0J106A004	C 0.010UF, K, 16V		1	
C1103	F1G1C104A116	C 0.10UF, K, 16V		1	
C1104	F1G1C104A116	C 0.10UF, K, 16V		1	
C1105	F1G1E103A123	C 0.010UF, K, 25V		1	
C1106	F1G1H330A731	C 33UF, 50V		1	
C1107	F1G1H220A731	C 22UF, 50V		1	
C1108	F1G1C104A116	C 0.10UF, K, 16V		1	
C1109	ECJ1VB1A105K	C 0.01UF, Z, 50V		1	
C1111	ECJ1VB1A105K	C 0.01UF, Z, 50V		1	
C1112	F1G1C104A116	C 0.10UF, K, 16V		1	
C1114	F1G1C104A116	C 0.10UF, K, 16V		1	
C1117	F1G1C104A116	C 0.10UF, K, 16V		1	
C1122	F1G1C103A116	C 0.010UF, K, 16V		1	
C1123	ECJ1VB1A105K	C 0.01UF, Z, 50V		1	
C2075	F1G1C104A116	C 0.10UF, K, 16V		1	
C2076	F1G1C104A116	C 0.10UF, K, 16V		1	
C2077	F1G1C104A116	C 0.10UF, K, 16V		1	
C2078	F1G1A105A047	C 1UF, K, 10V		1	
C2079	F1G1C103A116	C 0.010UF, K, 16V		1	
C2091	F1G1C104A116	C 0.10UF, K, 16V		1	
C2092	F1G1C104A116	C 0.10UF, K, 16V		1	
C2096	F1G1H181A731	C 180UF, 50V		1	
C2120	F1G1H102A730	C 1000UF, 50V		1	
C2121	F1G1C104A116	C 0.10UF, K, 16V		1	
C2263	F1J1A106A087	C 0.010UF, K, 10V		1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	C2264	F1J1A106A087	C 0.010UF, K, 10V	1	
	C2300	F1G1C104A116	C 0.10UF, K, 16V	1	
	C2301	F1G1C104A116	C 0.10UF, K, 16V	1	
	C2305	F1J1E105A231	C 1 UF 25V	1	
	C2317	F1H1H104A970	C 0.1UF, K, 50V	1	
	C2319	F1H1H104A970	C 0.1UF, K, 50V	1	
	C2321	F1H1H104A970	C 0.1UF, K, 50V	1	
	C2323	F1H1H104A970	C 0.1UF, K, 50V	1	
	C2333	F1J1E3340003	C 0.33UF, Z, 25V	1	
	C2335	F1J1E3340003	C 0.33UF, Z, 25V	1	
	C2337	F1H1H223A970	C 0.22UF, K, 50V	1	
	C2339	F1H1H223A970	C 0.22UF, K, 50V	1	
	C2341	F1J1E3340003	C 0.33UF, Z, 25V	1	
	C2343	F1J1E3340003	C 0.33UF, Z, 25V	1	
	C2345	F1H1H223A970	C 0.22UF, K, 50V	1	
	C2347	F1H1H223A970	C 0.22UF, K, 50V	1	
	C2364	F1K1E106A136	C 10UF, Z, 25V	1	
	C2365	F1K1E106A136	C 10UF, Z, 25V	1	
	C2367	F1J1E105A231	C 1 UF 25V	1	
	C2369	F1J1E105A231	C 1 UF 25V	1	
	C2375	F1H1H223A970	C 0.22UF, K, 50V	1	
	C2377	F1H1H223A970	C 0.22UF, K, 50V	1	
	C2379	F1H1H223A970	C 0.22UF, K, 50V	1	
	C2381	F1H1H223A970	C 0.22UF, K, 50V	1	
	C2383	F1G1H102A730	C 1000UF, 50V	1	
	C2385	F1G1H102A730	C 1000UF, 50V	1	
	C2387	F1G1H102A730	C 1000UF, 50V	1	
	C2389	F1G1H102A730	C 1000UF, 50V	1	
	C2390	F1J1E105A231	C 1 UF 25V	1	
	C2512	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
	C2521	F1H1H103A970	C 0.001UF, K, 50V	1	
	C2523	F1H1C104A143	C 0.1UF, K, 16V	1	
	C2847	F2H1E470A007	E 47UF, 25V	1	
	C2848	F1J1E105A231	C 1 UF 25V	1	
	C3001	F1J1A106A087	C 0.010UF, K, 10V	1	
	C3006	F1J1A106A087	C 0.010UF, K, 10V	1	
	C3013	F1J1A106A087	C 0.010UF, K, 10V	1	
	C3015	F1J1A106A087	C 0.010UF, K, 10V	1	
	C3017	F1G1C104A116	C 0.10UF, K, 16V	1	
	C3019	F1G1C104A116	C 0.10UF, K, 16V	1	
	C3022	F1G1C104A116	C 0.10UF, K, 16V	1	
	C3023	F1J1A106A087	C 0.010UF, K, 10V	1	
	C3024	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C3025	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C3026	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C3027	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C3028	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C3029	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C3030	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C3031	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C3032	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C3033	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C3034	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C3035	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C3042	F1J1A106A087	C 0.010UF, K, 10V	1	
	C3043	F1J1A106A087	C 0.010UF, K, 10V	1	
	C3044	F1J1A106A087	C 0.010UF, K, 10V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	C3045	F1J1A106A087	C 0.010UF, K, 10V	1	
	C3046	F1J1A106A087	C 0.010UF, K, 10V	1	
	C3047	F1J1A106A087	C 0.010UF, K, 10V	1	
	C3049	EEEBB1C101P	C 100PF, J, 16V	1	
	C3050	F1G1C104A116	C 0.10UF, K, 16V	1	
	C3057	F1J1A106A087	C 0.010UF, K, 10V	1	
	C3059	F1J1A106A087	C 0.010UF, K, 10V	1	
	C3061	F1J1A106A087	C 0.010UF, K, 10V	1	
	C3157	F1G1C104A116	C 0.10UF, K, 16V	1	
	C3752	F1J1H102A836	C 1000UF, 50V	1	
	C4075	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4500	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4501	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4502	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4503	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4546	ECJ1VB0J105K	C 1UF, K, 6.3V	1	
	C4547	ECJ1VB0J105K	C 1UF, K, 6.3V	1	
	C4619	ECJ1VB0J105K	C 1UF, K, 6.3V	1	
	C4622	ECJ1VB0J105K	C 1UF, K, 6.3V	1	
	C4625	ECJ1VB0J105K	C 1UF, K, 6.3V	1	
	C4627	ECJ1VB0J105K	C 1UF, K, 6.3V	1	
	C4628	ECJ1VB0J105K	C 1UF, K, 6.3V	1	
	C4629	ECJ1VB0J105K	C 1UF, K, 6.3V	1	
	C4702	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4703	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4830	F1G1C104A116	C 0.10UF, K, 16V	1	
	C5255	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C5256	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C5346	F1H1C474A143	C 0.47UF, K, 16V	1	
	C5353	F1G1E103A123	C 0.010UF, K, 25V	1	
	C5358	F1G1E103A123	C 0.010UF, K, 25V	1	
	C5367	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C5368	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C5369	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C5370	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C5372	F1G1C104A116	C 0.10UF, K, 16V	1	
	C5373	F1G1C104A116	C 0.10UF, K, 16V	1	
	C5374	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C5375	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C5376	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C5377	F1G1C104A116	C 0.10UF, K, 16V	1	
	C5378	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C5380	F1G1C104A116	C 0.10UF, K, 16V	1	
	C5381	F1G1C104A116	C 0.10UF, K, 16V	1	
	C5382	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C5383	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C5385	F1G1C104A116	C 0.10UF, K, 16V	1	
	C5386	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C5387	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C5388	F1G1C104A116	C 0.10UF, K, 16V	1	
	C5389	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C5390	F1G1C104A116	C 0.10UF, K, 16V	1	
	C5391	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C5418	F1J1E105A231	C 1 UF 25V	1	
	C5420	F1H1C105A145	C 0.01UF, K, 16V	1	
	C5500	F1G1E682A123	C 6800UF, Z, 25V	1	
	C5501	F1G1A154A053	C 0.015UF, K, 10V	1	
	C5502	F1J1A475A087	C 4.7UF, K, 10V	1	
	C5503	F1H1C105A145	C 0.01UF, K, 16V	1	
	C5504	F1G1E682A123	C 6800UF, Z, 25V	1	
	C5505	F1J1A475A087	C 4.7UF, K, 10V	1	
	C5506	F1H1C105A145	C 0.01UF, K, 16V	1	
	C5507	F1G1A393A053	C 0.015UF, K, 10V	1	
	C5508	F1H1C104A143	C 0.1UF, K, 16V	1	
	C5509	F1H1C104A143	C 0.1UF, K, 16V	1	
	C5510	F1H1C104A143	C 0.1UF, K, 16V	1	
	C5511	F1H1C104A143	C 0.1UF, K, 16V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	C5516	F1K1E106A136	C 10UF, Z, 25V	1	
	C5517	F1K1E106A136	C 10UF, Z, 25V	1	
	C5519	F1K1E106A136	C 10UF, Z, 25V	1	
	C5520	F1K1E106A136	C 10UF, Z, 25V	1	
	C5521	F1K1E106A136	C 10UF, Z, 25V	1	
	C5522	F1K1E106A136	C 10UF, Z, 25V	1	
	C5523	F1K1E106A136	C 10UF, Z, 25V	1	
	C5526	F1K1E106A136	C 10UF, Z, 25V	1	
	C5528	F1K0J226A008	C 22UF, K, 6.3V	1	
	C5529	F1K0J226A008	C 22UF, K, 6.3V	1	
	C5530	F1K0J226A008	C 22UF, K, 6.3V	1	
	C5531	F1K0J226A008	C 22UF, K, 6.3V	1	
	C5532	F1K0J226A008	C 22UF, K, 6.3V	1	
	C5533	F1K0J226A008	C 22UF, K, 6.3V	1	
	C5534	F1K0J226A008	C 22UF, K, 6.3V	1	
	C5535	F1K0J226A008	C 22UF, K, 6.3V	1	
	C5536	F1K0J226A008	C 22UF, K, 6.3V	1	
	C5537	F1K0J226A008	C 22UF, K, 6.3V	1	
	C5538	F1K0J226A008	C 22UF, K, 6.3V	1	
	C5539	F1K0J226A008	C 22UF, K, 6.3V	1	
	C5555	F1G1C104A116	C 0.10UF, K, 16V	1	
	C5556	F1H1A225A051	C 22UF, 50V	1	
	C5611	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C5612	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C5614	F1G1C104A116	C 0.10UF, K, 16V	1	
	C5615	EEEBB1C101UP	C 100FF, J, 16V	1	
	C5617	F1H1A225A051	C 22UF, 50V	1	
	C5618	F1G1E103A123	C 0.010UF, K, 25V	1	
	C5626	F1K1E106A136	C 10UF, Z, 25V	1	
	C5627	F1G1E472A123	C 4200UF, Z, 25V	1	
	C5628	F1K1E106A136	C 10UF, Z, 25V	1	
	C5629	F1G1C104A116	C 0.10UF, K, 16V	1	
	C5630	F1G1C104A116	C 0.10UF, K, 16V	1	
	C5631	F1G1C104A116	C 0.10UF, K, 16V	1	
	C5632	F1G1H222A730	C 2200UF, 50V	1	
	C5634	F1G1H222A730	C 2200UF, 50V	1	
	C5635	F1H1E104A129	C 0.1UF, 25V	1	
	C5641	F1K0J1060020	C 10UF, K, 6.3V	1	
	C5642	F1K0J1060020	C 10UF, K, 6.3V	1	
	C5649	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C5650	F1H1A225A051	C 22UF, 50V	1	
	C5651	F1J1A475A087	C 4.7UF, K, 10V	1	
	C5652	F1H0J475A041	C 4.7UF, K, 16V	1	
	C5653	F1G1H102A730	C 1000UF, 50V	1	
	C5663	F1J1A106A087	C 0.010UF, K, 10V	1	
	C5664	F1J1A106A087	C 0.010UF, K, 10V	1	
	C5667	F1G1E103A123	C 0.010UF, K, 25V	1	
	C5703	F1G1C104A116	C 0.10UF, K, 16V	1	
	C5722	F1G1H470A731	C 47UF, 50V	1	
	C5764	F1K0J226A008	C 22UF, K, 6.3V	1	
	C5765	F1K1E106A136	C 10UF, Z, 25V	1	
	C5769	F1H1E104A129	C 0.1UF, 25V	1	
	C5770	F1G1C104A116	C 0.10UF, K, 16V	1	
	C5771	F1G1C153A116	C 0.015UF, K, 16V	1	
	C5773	F1K0J226A008	C 22UF, K, 6.3V	1	
	C5788	F1K1E106A136	C 10UF, Z, 25V	1	
	C5789	F1K1E106A136	C 10UF, Z, 25V	1	
	C5794	F1G1H102A730	C 1000UF, 50V	1	
	C8000	F1J1A106A087	C 0.010UF, K, 10V	1	
	C8001	F1J1A106A087	C 0.010UF, K, 10V	1	
	C8002	ECGRL0G680ER	C 68UF, J, 4V	1	
	C8003	F1J1A106A087	C 0.010UF, K, 10V	1	
	C8004	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8005	F1J1A106A087	C 0.010UF, K, 10V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	C8154	F1J1A106A087	C 0.010UF, K, 10V	1	
	C8155	F1G1C103A116	C 0.010UF, K, 16V	1	
	C8157	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
	C8240	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8241	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8242	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8243	F1G1H3R0A732	C 3.0PF, K, 50V	1	
	C8246	F1G1A105A047	C 1UF, K, 10V	1	
	C8247	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8248	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8249	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8250	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8251	ECGRL0G680ER	C 68UF, J, 4V	1	
	C8252	F1J1A106A087	C 0.010UF, K, 10V	1	
	C8253	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8254	F1G1A105A047	C 1UF, K, 10V	1	
	C8255	F1G1A105A047	C 1UF, K, 10V	1	
	C8256	F1G1A105A047	C 1UF, K, 10V	1	
	C8257	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8258	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8259	F1G1A105A047	C 1UF, K, 10V	1	
	C8260	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8261	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8262	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8263	F1G1A105A047	C 1UF, K, 10V	1	
	C8264	F1G1A105A047	C 1UF, K, 10V	1	
	C8265	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8266	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8267	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8268	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8269	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8270	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8271	ECGRL0G680ER	C 68UF, J, 4V	1	
	C8272	F1J1A106A087	C 0.010UF, K, 10V	1	
	C8273	F1G1A105A047	C 1UF, K, 10V	1	
	C8274	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8275	F1G1A105A047	C 1UF, K, 10V	1	
	C8276	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8277	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8278	F1G1A105A047	C 1UF, K, 10V	1	
	C8279	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8280	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8281	F1G1A105A047	C 1UF, K, 10V	1	
	C8282	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8283	F1G1A105A047	C 1UF, K, 10V	1	
	C8284	F1G1A105A047	C 1UF, K, 10V	1	
	C8285	F1G1A105A047	C 1UF, K, 10V	1	
	C8286	F1G1A105A047	C 1UF, K, 10V	1	
	C8289	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8290	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8291	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8292	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8293	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8301	F1G1H221A459	C 220UF, 50V	1	
	C8302	F1G1H221A459	C 220UF, 50V	1	
	C8303	F1G1H221A459	C 220UF, 50V	1	
	C8307	F1G1H102A730	C 1000UF, 50V	1	
	C8309	F1G1H102A730	C 1000UF, 50V	1	
	C8310	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8312	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8313	F1J1A106A087	C 0.010UF, K, 10V	1	
	C8314	F1J1A106A087	C 0.010UF, K, 10V	1	
	C8315	F1G1H102A730	C 1000UF, 50V	1	
	C8316	F1G1H102A730	C 1000UF, 50V	1	
	C8321	F1G1H121A731	C 120PF, K, 50V	1	
	C8322	F1G1H102A730	C 1000UF, 50V	1	
	C8323	F1G1H102A730	C 1000UF, 50V	1	
	C8324	F1G1C104A116	C 0.10UF, K, 16V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	C8325	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8326	F1G1C103A116	C 0.010UF, K, 16V	1	
	C8327	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8328	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8329	F1J1A106A087	C 0.010UF, K, 10V	1	
	C8330	F1J1A106A087	C 0.010UF, K, 10V	1	
	C8331	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8332	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8333	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8334	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8335	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8336	F1G1H150A731	C 15UF, 50V	1	
	C8337	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8338	F1G1H180A731	C 18UF, 50V	1	
	C8339	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8340	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8341	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8342	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8343	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C8344	F1J1A106A087	C 0.010UF, K, 10V	1	
	C8345	F1J1A106A087	C 0.010UF, K, 10V	1	
	C8349	F1J1A475A087	C 4.7UF, K, 10V	1	
	C8350	F1J1A475A087	C 4.7UF, K, 10V	1	
	C8354	F1J1A106A087	C 0.010UF, K, 10V	1	
	C8360	F1G1H100A731	C 10PF, K, 50V	1	
	C8361	F1G1H100A731	C 10PF, K, 50V	1	
	C8400	EEEHB0J221UP	C 220PF, J, 6.3V	1	
	C8512	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8513	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8565	F1G1C103A116	C 0.010UF, K, 16V	1	
	C8570	F1G1C103A116	C 0.010UF, K, 16V	1	
	C8601	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8602	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8609	F2G1C470A022	E 47UF, 16V	1	
	C8610	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8617	F1G1C103A116	C 0.010UF, K, 16V	1	
	C8711	F1J1A106A087	C 0.010UF, K, 10V	1	
	C8712	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8713	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8714	F1G1H101A731	C 100PF, K, 50V	1	
	C8717	F1J1A106A087	C 0.010UF, K, 10V	1	
	C8718	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8719	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8720	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8721	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8722	F1J1A106A087	C 0.010UF, K, 10V	1	
	C8728	EEEHB0J221UP	C 220PF, J, 6.3V	1	
	C8731	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8741	F1G1A105A047	C 1UF, K, 10V	1	
	C8742	F1G1A105A047	C 1UF, K, 10V	1	
	C8744	EEEHB0J221UP	C 220PF, J, 6.3V	1	
	C8747	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8748	F1J1A106A087	C 0.010UF, K, 10V	1	
	C8749	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8903	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8904	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8950	F1G1C103A116	C 0.010UF, K, 16V	1	
	C9040	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9052	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9097	F1K1E106A136	C 10UF, Z, 25V	1	
	C9098	F1K1E106A136	C 10UF, Z, 25V	1	
	C9099	F1G1C104A116	C 0.10UF, K, 16V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	C9100	F1J1A106A087	C 0.010UF, K, 10V	1	
	C9101	F1G1E103A123	C 0.010UF, K, 25V	1	
	C9102	F1K1E106A136	C 10UF, Z, 25V	1	
	C9103	F1G1E103A123	C 0.010UF, K, 25V	1	
	C9104	F1G1E103A123	C 0.010UF, K, 25V	1	
	C9106	F1K1E106A136	C 10UF, Z, 25V	1	
	C9107	F1G1H272A730	C 2700UF, 50V	1	
	C9108	F1G1E103A123	C 0.010UF, K, 25V	1	
	C9112	F1K0J226A008	C 22UF, K, 6.3V	1	
	C9116	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9300	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9301	F1G1H220A731	C 22UF, 50V	1	
	C9302	F1G1H150A731	C 15UF, 50V	1	
	C9303	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9307	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9308	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9311	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9312	F1J1A106A087	C 0.010UF, K, 10V	1	
	C9313	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9314	F1J1A106A087	C 0.010UF, K, 10V	1	
	C9315	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9316	F1J1A106A087	C 0.010UF, K, 10V	1	
	C9319	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9322	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9323	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9325	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9327	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9335	F1J1A106A087	C 0.010UF, K, 10V	1	
	C9336	F1J1A106A087	C 0.010UF, K, 10V	1	
	C9337	F1J1A106A087	C 0.010UF, K, 10V	1	
	C9339	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9340	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9342	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9344	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9347	ECJ1VB0J105K	C 1UF, K, 6.3V	1	
	C9349	F1J1A106A087	C 0.010UF, K, 10V	1	
	C9350	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9351	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9352	ECJ1VB0J105K	C 1UF, K, 6.3V	1	
	C9356	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9361	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9363	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9371	F1J1A106A087	C 0.010UF, K, 10V	1	
	C9372	F1J1A106A087	C 0.010UF, K, 10V	1	
	C9373	F1J1A106A087	C 0.010UF, K, 10V	1	
	C9374	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9375	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9380	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9383	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9391	F1J1A106A087	C 0.010UF, K, 10V	1	
	C9392	F1J1A106A087	C 0.010UF, K, 10V	1	
	C9394	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9400	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9401	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9402	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9800	F1H1E104A129	C 0.1UF, 25V	1	
	C9801	F1G1E682A123	C 6800UF, Z, 25V	1	
	C9803	F1G1E472A123	C 4200UF, Z, 25V	1	
	C9804	F1K1E106A136	C 10UF, Z, 25V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	C9805	F1K1E106A136	C 10UF, Z, 25V	1	
	C9806	F1G1H101A731	C 100PF, K, 50V	1	
	C9807	F1G1H201A731	C 200 UF, K, 50V	1	
	C9809	F1G1H102A730	C 1000UF, 50V	1	
	C9811	F1G1C104A116	C 0.10UF, K, 16V	1	
	C9812	F1K1E106A136	C 10UF, Z, 25V	1	
	C9813	F1K1E106A136	C 10UF, Z, 25V	1	
	C9814	F1K0J226A008	C 22UF, K, 6.3V	1	
	C9815	F1K0J226A008	C 22UF, K, 6.3V	1	
	C9816	F1G1E103A123	C 0.010UF, K, 25V	1	
	C9825	F1K0J226A008	C 22UF, K, 6.3V	1	
	C9900	F1G1E103A123	C 0.010UF, K, 25V	1	
	C9901	F1G1H102A730	C 1000UF, 50V	1	
	C9902	F1G1H102A730	C 1000UF, 50V	1	
	C9903	F1K0J226A008	C 22UF, K, 6.3V	1	
	C9904	F1K0J226A008	C 22UF, K, 6.3V	1	
	C16001	F1L2J272A022	C 2700UF, K, 6.3V	1	
	C16002	F1L2J562A022	C 5600UF, K, 6.3V	1	
	C16012	F2A2T251A004	E 250UF, 220V	1	
	C16013	F2A2T251A004	E 250UF, 220V	1	
	C16014	FOC2E155A252	E 0.015UF, 250V	1	
	C16022	F1L2J562A022	C 5600UF, K, 6.3V	1	
	C16041	F1H1E392A970	C 3900PF, K, 50V	1	
	C16071	F1L2J1020001	C 1000UF, K, 6.3V	1	
	C16072	F1L2J1020001	C 1000UF, K, 6.3V	1	
	C16091	F1L2J1020001	C 1000UF, K, 6.3V	1	
	C16092	F1L2J1020001	C 1000UF, K, 6.3V	1	
	C16101	F1L2J222A022	C 2200UF, K, 6.3V	1	
	C16104	F1H1E470A130	C 47UF, K, 25V	1	
	C16105	F1H1E470A130	C 47UF, K, 25V	1	
	C16131	F1K1E475A134	C 4.7UF, Z, 25V	1	
	C16133	F1K1E475A134	C 4.7UF, Z, 25V	1	
	C16135	F1K1E105A029	C 1UF, Z, 25V	1	
	C16151	F1K1E105A029	C 1UF, Z, 25V	1	
	C16152	F1K1E475A134	C 4.7UF, Z, 25V	1	
	C16153	F1K1E475A134	C 4.7UF, Z, 25V	1	
	C16154	F1K1E475A134	C 4.7UF, Z, 25V	1	
	C16191	F1K1E475A134	C 4.7UF, Z, 25V	1	
	C16192	F1H1E104A129	C 0.1UF, 25V	1	
	C16193	F2A1E4700094	E 47UF, 25V	1	
	C16195	F1K1E105A029	C 1UF, Z, 25V	1	
	C16202	FOC2E405A252	E 0.040UF, 250V	1	
	C16203	FOC2E405A252	E 0.040UF, 250V	1	
	C16242	F1H1C105A145	C 0.01UF, K, 16V	1	
	C16243	F1H1H103A970	C 0.001UF, K, 50V	1	
	C16244	F1J1A106A087	C 0.010UF, K, 10V	1	
	C16251	F1H1C105A145	C 0.01UF, K, 16V	1	
	C16252	F1K1E105A029	C 1UF, Z, 25V	1	
	C16271	EEUFC1E221	E 2200UF, 25V	1	
	C16280	F1K1E105A029	C 1UF, Z, 25V	1	
	C16285	F1H1H104A970	C 0.1UF, K, 50V	1	
	C16286	F1H1H104A970	C 0.1UF, K, 50V	1	
	C16287	F1H1H104A970	C 0.1UF, K, 50V	1	
	C16314	F2A2T251A004	E 250UF, 220V	1	
	C16315	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C16316	F1H1C104A143	C 0.1UF, K, 16V	1	
	C16317	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C16318	F1J1H104A835	C 0.10UF, 50V	1	
	C16319	F1J1H104A835	C 0.10UF, 50V	1	
	C16328	F2A2C221A195	E 2200UF, 160V	1	
	C16331	FOC2E105A252	E 0.010UF, 250V	1	
	C16401	F1L2J562A022	C 5600UF, K, 6.3V	1	
	C16412	F2A2T251A004	E 250UF, 220V	1	
	C16416	F2A2T251A004	E 250UF, 220V	1	
	C16417	F2A2T251A004	E 250UF, 220V	1	
	C16418	FOC2E155A252	E 0.015UF, 250V	1	
	C16419	FOC2E155A252	E 0.015UF, 250V	1	
	C16421	F1L2J562A022	C 5600UF, K, 6.3V	1	
	C16441	F1H1E392A970	C 3900PF, K, 50V	1	
	C16452	F1H1H392A970	C 3900PF, K, 50V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	C16460	F1E2J821A002	C 82PF, 600V	1	
	C16461	F1L2J1020001	C 1000UF, K, 6.3V	1	
	C16471	F1L2J1020001	C 1000UF, K, 6.3V	1	
	C16472	F1K1E105A029	C 1UF, Z, 25V	1	
	C16481	F1L2J1020001	C 1000UF, K, 6.3V	1	
	C16490	F1H1C105A145	C 0.01UF, K, 16V	1	
	C16491	F1L2J1020001	C 1000UF, K, 6.3V	1	
	C16501	F1K1E105A029	C 1UF, Z, 25V	1	
	C16502	F1K1E475A134	C 4.7UF, Z, 25V	1	
	C16503	F2A1E471A102	E 470UF, 25V	1	
	C16504	F1K1E475A134	C 4.7UF, Z, 25V	1	
	C16505	F1K1E105A029	C 1UF, Z, 25V	1	
	C16521	F1K1E105A029	C 1UF, Z, 25V	1	
	C16522	F1K1E475A134	C 4.7UF, Z, 25V	1	
	C16523	F2A1E471A102	E 470UF, 25V	1	
	C16524	F1K1E475A134	C 4.7UF, Z, 25V	1	
	C16525	F1K1E475A134	C 4.7UF, Z, 25V	1	
	C16534	F1K1E105A029	C 1UF, Z, 25V	1	
	C16561	F1J1A106A087	C 0.010UF, K, 10V	1	
	C16562	F1H1C105A145	C 0.01UF, K, 16V	1	
	C16564	F1H1C105A145	C 0.01UF, K, 16V	1	
	C16565	F1H1H103A970	C 0.001UF, K, 50V	1	
	C16566	F1H1H103A970	C 0.001UF, K, 50V	1	
	C16581	F1K1E105A029	C 1UF, Z, 25V	1	
	C16582	F1H1C105A145	C 0.01UF, K, 16V	1	
	C16593	F1H1H102A971	C 1000PF, K, 50V	1	
	C16602	F1H1H220A971	C 22PF, K, 50V	1	
	C16603	F1K2J102A014	C 1000UF, K, 6.3V	1	
	C16604	F1K2J102A014	C 1000UF, K, 6.3V	1	
	C16608	F1H1H221A971	C 220UF, K, 50V	1	
	C16632	F0C2E405A252	E 0.040UF, 250V	1	
	C16633	F0C2E405A252	E 0.040UF, 250V	1	
	C16641	F1K2J222A014	C 2200UF, K, 6.3V	1	
	C16642	F1L2J562A022	C 5600UF, K, 6.3V	1	
	C16645	F1K2J102A014	C 1000UF, K, 6.3V	1	
	C16646	F1K2J102A014	C 1000UF, K, 6.3V	1	
	C16661	F1K2J102A038	C 1000UF, K, 6.3V	1	
	C16662	F1K2J102A038	C 1000UF, K, 6.3V	1	
	C16664	F1H1H820A971	C 82UF, 50V	1	
	C16665	F1H1H820A971	C 82UF, 50V	1	
	C16666	F1H1H820A971	C 82UF, 50V	1	
	C16668	F1H1H221A971	C 220UF, K, 50V	1	
	C16675	F1H1H391A971	C 391UF, 50V	1	
	C16684	F1H1H104A970	C 0.1UF, K, 50V	1	
	C16685	F1H1H104A970	C 0.1UF, K, 50V	1	
	C16691	F2A2C101A097	E 1000UF, 160V	1	
	C16692	F1H1H104A970	C 0.1UF, K, 50V	1	
	C16707	F1H1H220A971	C 22PF, K, 50V	1	
	C16708	F1H1H104A970	C 0.1UF, K, 50V	1	
	C16721	F2A1H820A115	E 82UF, 50V	1	
	C16723	F1K1E105A029	C 1UF, Z, 25V	1	
	C16724	F1K1E475A134	C 4.7UF, Z, 25V	1	
	C16753	F1K1E475A134	C 4.7UF, Z, 25V	1	
	C16755	F1K1E475A134	C 4.7UF, Z, 25V	1	
	C16756	F1K1E475A134	C 4.7UF, Z, 25V	1	
	C16771	F1H1C105A145	C 0.01UF, K, 16V	1	
	C16773	F1K1E105A029	C 1UF, Z, 25V	1	
	C16791	EEUFC1E221	E 220UF, 25V	1	
	C16793	EEUFC1E221	E 220UF, 25V	1	
	C16794	F1J1A106A087	C 0.010UF, K, 10V	1	
	C16795	F2A1E471A102	E 470UF, 25V	1	
	C16796	F2A1E471A102	E 470UF, 25V	1	
	C16797	F1H1H104A970	C 0.1UF, K, 50V	1	
	C16813	F2A2T221A009	E 220UF, 220V	1	
	C16842	F2A2C101A097	E 1000UF, 160V	1	
	C16843	F1J1H104A835	C 0.10UF, 50V	1	
	C16844	F1J1H104A835	C 0.10UF, 50V	1	
	C16854	F1J1H104A835	C 0.10UF, 50V	1	
	C16856	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C16857	F1H1C104A143	C 0.1UF, K, 16V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	C16858	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C16859	F1J1H104A835	C 0.10UF, 50V	1	
	C16860	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C16861	F1H1C104A143	C 0.1UF, K, 16V	1	
	C16862	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C16863	F1J1H104A835	C 0.10UF, 50V	1	
	C16864	F1J1H104A835	C 0.10UF, 50V	1	
	C16891	F1K1E105A029	C 1UF, Z, 25V	1	
	C16902	F1E2J472A001	C 4700PF, 600V	1	
	C16903	F1E2J152A002	C 1500PF, 600V	1	
	C17101	F1L2A334A034	E 3300UF, 100V	1	PAVCA
	C17103	F1H1C104A143	C 0.1UF, K, 16V	1	
	C17104	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C17105	F1L2A334A034	E 3300UF, 100V	1	PAVCA
	C17107	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C17109	F1L2A334A034	E 3300UF, 100V	1	PAVCA
	C17110	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C17111	F1L2A334A034	E 3300UF, 100V	1	PAVCA
	C17113	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C17115	F1L2A334A034	E 3300UF, 100V	1	PAVCA
	C17116	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C17117	F1L2A334A034	E 3300UF, 100V	1	PAVCA
	C17119	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C17121	F1L2A334A034	E 3300UF, 100V	1	PAVCA
	C17122	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C17124	F1L2A334A034	E 3300UF, 100V	1	PAVCA
	C17125	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C17141	F1H1H101A971	C 100UF, 50V	1	
	C17202	F1H1C104A143	C 0.1UF, K, 16V	1	
	C17203	F1H1C104A143	C 0.1UF, K, 16V	1	
	C17205	F1L2A334A034	E 3300UF, 100V	1	PAVCA
	C17206	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C17207	F1L2A334A034	E 3300UF, 100V	1	PAVCA
	C17209	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C17210	F1L2A334A034	E 3300UF, 100V	1	PAVCA
	C17212	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C17213	F1L2A334A034	E 3300UF, 100V	1	PAVCA
	C17215	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C17217	F1L2A334A034	E 3300UF, 100V	1	PAVCA
	C17218	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C17219	F1L2A334A034	E 3300UF, 100V	1	PAVCA
	C17221	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C17223	F1L2A334A034	E 3300UF, 100V	1	PAVCA
	C17224	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
	C17241	F1H1H101A971	C 100UF, 50V	1	
	CB1	K1MY55B00002	55P CONNECTOR	1	
	CB2	K1MY55B00002	55P CONNECTOR	1	
	CB3	K1MY55B00002	55P CONNECTOR	1	
	CB4	K1MY55B00002	55P CONNECTOR	1	
	CB5	K1MY55B00002	55P CONNECTOR	1	
	CB6	K1MY55B00002	55P CONNECTOR	1	
	CB7	K1MY55B00002	55P CONNECTOR	1	
	CB8	K1MY55B00002	55P CONNECTOR	1	
	CB9	K1MY55B00002	55P CONNECTOR	1	
	CB10	K1MY55B00002	55P CONNECTOR	1	
	CB11	K1MY55B00002	55P CONNECTOR	1	
	CB12	K1MY55B00002	55P CONNECTOR	1	
	CB13	K1MY55B00002	55P CONNECTOR	1	
	CB14	K1MY55B00002	55P CONNECTOR	1	
	CB15	K1MY55B00002	55P CONNECTOR	1	
	D1104	DZ2J056M0L	ZENER DIODE	1	
	D1107	B0JCC000008	DIODE	1	
	D2520	B3AAB0000343	LED	1	
	D2659	B0ACCCJ000048	DIODE	1	
	D2660	B0HCMM000014	DIODE	1	
	D3005	K7AAAY000006	PHOTO LINK	1	
	D3063	EZZJP0V080GA	VARISTOR	1	
	D3064	EZZJP0V080GA	VARISTOR	1	
	D3065	EZZJP0V080GA	VARISTOR	1	
	D3066	EZZJP0V080GA	VARISTOR	1	
	D3067	EZZJP0V080GA	VARISTOR	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	D3068	EZJP0V080GA	VARISTOR	1	
	D3069	EZJP0V080GA	VARISTOR	1	
	D3070	EZJP0V080GA	VARISTOR	1	
	D3071	EZJP0V080GA	VARISTOR	1	
	D3072	EZJP0V080GA	VARISTOR	1	
	D3073	EZJP0V080GA	VARISTOR	1	
	D3079	EZJP0V080GA	VARISTOR	1	
	D3080	EZJP0V080GA	VARISTOR	1	
	D3087	EZJP0V080GA	VARISTOR	1	
	D3088	EZJP0V080GA	VARISTOR	1	
	D3089	EZJP0V080GA	VARISTOR	1	
	D3301	BOJCCE000008	DIODE	1	
	D3302	BOJCCE000008	DIODE	1	
	D4512	EZAEG2A50AX	ESD SUPPRESSOR	1	
	D4517	EZAEG2A50AX	ESD SUPPRESSOR	1	
	D4518	EZAEG2A50AX	ESD SUPPRESSOR	1	
	D4520	EZAEG2A50AX	ESD SUPPRESSOR	1	
	D4525	BOACCJ000048	DIODE	1	
	D4526	BOACCJ000048	DIODE	1	
	D4541	BOACCJ000048	DIODE	1	
	D4542	BOACCJ000048	DIODE	1	
	D4573	EZAEG2A50AX	ESD SUPPRESSOR	1	
	D4574	EZAEG2A50AX	ESD SUPPRESSOR	1	
	D4575	BOACCJ000048	DIODE	1	
	D4615	BOACCJ000048	DIODE	1	
	D5470	BOADEJ000035	ZENER DIODE	1	
	D5487	BOJCCE000008	DIODE	1	
	D5505	BOJCPD000026	DIODE	1	
	D5573	BOBC01100001	ZENER DIODE	1	
	D5602	DZ2J056M0L	ZENER DIODE	1	
	D5605	B0HCM000014	DIODE	1	
	D5613	BOACCJ000048	DIODE	1	
	D5614	BOACCJ000048	DIODE	1	
	D5615	BOACCJ000048	DIODE	1	
	D5616	BOJCCE000008	DIODE	1	
	D5618	BOJCCE000008	DIODE	1	
	D5619	BOJCCE000008	DIODE	1	
	D5620	BOJCPG000030	DIODE	1	
	D9804	BOJCPG000030	DIODE	1	
	D9805	BOJCPG000030	DIODE	1	
	D9806	BOADCJ0000100	DIODE	1	
	D9807	BOADCJ0000100	DIODE	1	
	D16001	BOFBCN000005	DIODE	1	
	D16002	BOFBCN000005	DIODE	1	
	D16021	BOFCCN000003	DIODE	1	PAVCA
	D16022	BOFCCN000003	DIODE	1	PAVCA
	D16032	BOACCJ000048	DIODE	1	
	D16041	BOFACP000004	DIODE	1	PAVCA
	D16050	BOECKP000055	DIODE	1	
	D16051	BOFBCN000007	DIODE	1	
	D16101	BOJCME000093	DIODE	1	
	D16131	BOECKP000055	DIODE	1	
	D16151	BOECKP000055	DIODE	1	
	D16152	BOECKP000055	DIODE	1	
	D16153	BOECKP000055	DIODE	1	
	D16191	BOECKP000055	DIODE	1	
	D16192	BOACCJ000048	DIODE	1	
	D16196	DZ2J200M0L	ZENER DIODE	1	
	D16253	B3ABB0000210	LED	1	
	D16255	BOACCJ000048	DIODE	1	
	D16280	BOACCJ000048	DIODE	1	
	D16281	DZ2J051M0L	ZENER DIODE	1	
	D16282	DZ2J068M0L	ZENER DIODE	1	PAVCA
	D16285	BOADEJ000035	ZENER DIODE	1	
	D16286	BOACCJ000048	DIODE	1	
	D16315	DZ2J150M0L	ZENER DIODE	1	
	D16316	BOECKP000055	DIODE	1	
	D16317	BOECKP000055	DIODE	1	
	D16401	DA3DF50ACSLW	ZENER DIODE	1	
	D16402	DA3DF50ACSLW	ZENER DIODE	1	
	D16407	BOJCME000093	DIODE	1	
	D16411	BOACCJ000048	DIODE	1	
	D16421	BOFACP000006	DIODE	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	D16422	BOFACP000005	DIODE	1	
	D16451	BOECKP000055	DIODE	1	
	D16462	BOFACP000003	DIODE	1	
	D16466	BOACCJ000048	DIODE	1	
	D16473	BOACCJ000048	DIODE	1	
	D16474	BOACCJ000048	DIODE	1	
	D16475	DZ2J051M0L	ZENER DIODE	1	
	D16476	BOACCJ000048	DIODE	1	
	D16477	DZ2J047L0L	ZENER DIODE	1	
	D16478	BOACCJ000048	DIODE	1	
	D16480	BOACCJ000048	DIODE	1	
	D16482	BOFACP000003	DIODE	1	
	D16490	BOECKP000055	DIODE	1	
	D16491	BOECKP000055	DIODE	1	
	D16492	DZ2J047M0L	ZENER DIODE	1	
	D16493	BOADCJ000100	DIODE	1	
	D16494	BOADCJ000100	DIODE	1	
	D16497	BOECKP000055	DIODE	1	
	D16503	BOECHR000001	DIODE	1	
	D16522	BOECHR000001	DIODE	1	
	D16523	BOECHR000001	DIODE	1	
	D16534	BOECHR000001	DIODE	1	
	D16536	BOECHR000001	DIODE	1	
	D16583	B3ABB0000210	LED	1	
	D16602	DZ2J150M0L	ZENER DIODE	1	
	D16604	BOADCJ000100	DIODE	1	
	D16605	DZ2J051L0L	ZENER DIODE	1	
	D16607	BOACCJ000048	DIODE	1	
	D16610	BOACCJ000048	DIODE	1	
	D16618	BOECKP000055	DIODE	1	
	D16641	BOFBCN000006	DIODE	1	
	D16642	BOFBCN000006	DIODE	1	
	D16645	DZ2J150M0L	ZENER DIODE	1	
	D16646	DZ2J150M0L	ZENER DIODE	1	
	D16647	DZ2J150M0L	ZENER DIODE	1	
	D16648	DZ2J051L0L	ZENER DIODE	1	
	D16649	BOACCJ000048	DIODE	1	
	D16650	BOACCJ000048	DIODE	1	
	D16651	DZ2J051M0L	ZENER DIODE	1	
	D16652	BOECKP000055	DIODE	1	
	D16653	BOACCJ000048	DIODE	1	
	D16654	BOACCJ000048	DIODE	1	
	D16662	DZ2J150M0L	ZENER DIODE	1	
	D16663	DZ2J150M0L	ZENER DIODE	1	
	D16664	DZ2J150M0L	ZENER DIODE	1	
	D16669	BOACCJ000048	DIODE	1	
	D16671	BOACCJ000048	DIODE	1	
	D16673	BOECHR000001	DIODE	1	
	D16674	BOECHR000001	DIODE	1	
	D16677	BOADEJ000035	ZENER DIODE	1	
	D16678	DZ2J15000L	ZENER DIODE	1	
	D16702	BOACCJ000048	DIODE	1	
	D16710	DZ2J15000L	ZENER DIODE	1	
	D16711	BOECHR000001	DIODE	1	
	D16712	DZ2J15000L	ZENER DIODE	1	
	D16713	BOECHR000001	DIODE	1	
	D16719	BOECKP000055	DIODE	1	
	D16720	BOECKP000055	DIODE	1	
	D16721	BOECHR000001	DIODE	1	
	D16728	BOECKP000055	DIODE	1	
	D16765	BOECKP000055	DIODE	1	
	D16790	BOJCM000093	DIODE	1	
	D16791	DZ2J200M0L	ZENER DIODE	1	
	D16792	BOACCJ000048	DIODE	1	
	D16820	BOACCJ000048	DIODE	1	
	D16821	DZ2J330M0L	ZENER DIODE	1	
	D16822	BOADCJ000100	DIODE	1	
	D16824	DZ2J330M0L	ZENER DIODE	1	
	D16825	DZ2J330M0L	ZENER DIODE	1	
	D16859	BOHCKS000002	DIODE	1	
	D16871	DZ2J240M0L	ZENER DIODE	1	
	D16872	DZ2J200M0L	ZENER DIODE	1	
	D16874	DZ2J051M0L	ZENER DIODE	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	D16875	B0ACCJ000048	DIODE	1	
	D16893	DZ2J056H0L	ZENER DIODE	1	
	D16901	B0ADCJ000100	DIODE	1	
	D16902	B0ACCJ000048	DIODE	1	
	D16920	B0ADCJ000100	DIODE	1	
	FL4002	J0HAAB000036	LC FILTER	1	
	FL4003	J0HAAB000036	LC FILTER	1	
	FL4004	J0HAAB000036	LC FILTER	1	
	IC1100	MNZSFH9GP91	IC	1	
	IC1101	TVRR244S	IC	1	PAVCA
	IC2301	C1AB00003230	IC	1	
	IC3001	C1AB00003218	IC	1	
	IC4800	C1ZBZ0003775	IC	1	
	IC5251	C0CBCBC00227	IC	1	
	IC5350	COEBY0000581	IC	1	PAVCA
	IC5401	C0DBGYY00884	IC	1	
	IC5480	C1ZBZ0004161	IC	1	
	IC5500	C0DBAYY00715	IC	1	
	IC5501	C0DBAYY00715	IC	1	
	IC5603	C0DBFY00049	IC	1	
	IC5604	C0DBAGF00030	IC	1	
	IC5606	COEBY0000580	IC	1	PAVCA
	IC5607	C0DBAYY00755	IC	1	PAVCA
	IC5608	C0DBAYY00605	IC	1	
	IC8000	MN2WS0110E	IC	1	PAVCA
	IC8100	C1ZBZ0003967	IC	1	
	IC8240	C3ABTY000025	IC	1	
	IC8241	C3ABTY000025	IC	1	
	IC8300	MN88436	IC	1	
	IC8303	C0DBGYY00612	IC	1	PAVCA
	IC8501	TVRR239S	IC	1	PAVCA
	IC8502	TVRR240ABS	IC	1	PAVCA
	IC8703	C1CB00003239	IC	1	
	IC8704	C0DBZYY00365	IC	1	
	IC9300	C1AB00003258	IC	1	
	IC9304	TVRR248AAS	IC	1	PAVCA
	IC9400	C0JBAZ002692	IC	1	
	IC9401	C0JBAZ002692	IC	1	
	IC9402	C0JBAZ002692	IC	1	
	IC9800	C0DBAYY00605	IC	1	
	IC9801	C0DBAYY00462	IC	1	
	IC9803	C0DBAYY00462	IC	1	
	IC16131	C0ZBZ0001707	IC	1	
	IC16151	C0ZBZ0001708	IC	1	
	IC16241	C0JBAU000043	IC	1	
	IC16251	C0BBBA000024	IC	1	
	IC16304	MIP3901MSSCF	IC	1	
	IC16312	C0DBZMC00006	IC	1	
	IC16471	C0DBEYY00114	IC	1	
	IC16490	C0DBZMC00006	IC	1	
	IC16491	NJM2406F	LINEAR IC	1	
	IC16501	C0ZBZ0001708	IC	1	
	IC16521	C0ZBZ0001708	IC	1	
	IC16561	C0JBAU000043	IC	1	
	IC16562	C0JBAU000043	IC	1	
	IC16563	C0JBAB000916	IC	1	
	IC16581	C0BBBA000024	IC	1	
	IC16661	C0BBBA000024	IC	1	
	IC16691	C0JBAC000363	IC	1	
	IC16692	C0DBZYY00352	IC	1	
	IC16724	C0CBADE00049	IC	1	
	IC16771	C0CBADC00072	IC	1	
	IC16773	C0JBAB000715	IC	1	
	IC16784	MIP3910MSSCF	IC	1	
	IC16785	C0DBZYY00352	IC	1	
	IC16786	MIP3910MSSCF	IC	1	
	IC16787	C0DBZYY00352	IC	1	
	IC16792	NJM2406F	LINEAR IC	1	
	IC16793	C0DBZMC00006	IC	1	
	IC16920	C0BBBA000024	IC	1	
	IC17101	C0JBAU000043	IC	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	IC17201	C0JBAU000043	IC	1	
	IC17202	C0JBAZ002692	IC	1	
	JK3000	K2HA918A0002	JACK	1	PAVCA
	JK3001	K1FY315A0008	CONNECTOR	1	PAVCA
	JK3701	K4AK08B0005	TERMINAL	1	PAVCA
	JK4500	K1FY119D0013	CONNECTOR	1	PAVCA
	JK4501	K1FY119D0013	CONNECTOR	1	PAVCA
	JK4502	K1FY119E0021	CONNECTOR	1	PAVCA
	JK8600	K1NA12E00017	12P CONNECTOR	1	PAVCA
	JK8700	K1FY208B0008	CONNECTOR	1	
	JK8702	K2LC1YYA0005	JACK	1	
	JS2005	D0GBR00Z0002	M 0 OHM J 1/10W	1	
	JS3051	D0GAR00Z0001	C 0 OHM, 0.063W	1	
	JS3052	D0GAR00Z0001	C 0 OHM, 0.063W	1	
	JS3054	D0GAR00Z0001	C 0 OHM, 0.063W	1	
	JS4010	D0GAR00Z0001	C 0 OHM, 0.063W	1	
	JS4015	ERJ6GEYOR00V	M 0 OHM J 1/10W	1	
	JS8701	D0GAR00Z0001	C 0 OHM, 0.063W	1	
	JS8702	D0GAR00Z0001	C 0 OHM, 0.063W	1	
	JS8703	D0GAR00Z0001	C 0 OHM, 0.063W	1	
	JS8704	D0GAR00Z0001	C 0 OHM, 0.063W	1	
	K1	K1KA07B00135	7P CONNECTOR	1	
	L1100	J0JYC0000068	CHIP INDUCTOR	1	
	L2001	J0JYC0000070	CHIP INDUCTOR	1	
	L2010	G1C220MA0416	INDUCTION COIL	1	
	L2012	G1C220MA0416	INDUCTION COIL	1	
	L2014	G1C220MA0416	INDUCTION COIL	1	
	L2016	G1C220MA0416	INDUCTION COIL	1	
	L2018	J0JHC0000045	CHIP INDUCTOR	1	
	L2019	J0JHC0000045	CHIP INDUCTOR	1	
	L2754	J0JHC0000075	CHIP INDUCTOR	1	
	L3000	J0JYC0000068	CHIP INDUCTOR	1	
	L3001	J0JYC0000068	CHIP INDUCTOR	1	
	L3308	J0JCC0000269	CHIP INDUCTOR	1	
	L3309	J0JCC0000269	CHIP INDUCTOR	1	
	L4500	J0JHC0000117	CHIP INDUCTOR	1	
	L4501	J0JHC0000117	CHIP INDUCTOR	1	
	L4502	J0JYC0000068	CHIP INDUCTOR	1	
	L4503	J0JYC0000068	CHIP INDUCTOR	1	
	L4504	J0JYC0000068	CHIP INDUCTOR	1	
	L4505	J0JYC0000068	CHIP INDUCTOR	1	
	L4506	J0JYC0000068	CHIP INDUCTOR	1	
	L4507	J0JYC0000068	CHIP INDUCTOR	1	
	L4521	J0JYC0000068	CHIP INDUCTOR	1	
	L4522	J0JYC0000068	CHIP INDUCTOR	1	
	L4523	J0JYC0000068	CHIP INDUCTOR	1	
	L4524	J0JHC0000117	CHIP INDUCTOR	1	
	L5500	G1C2R2M00022	INDUCTION COIL	1	
	L5501	G1C3R3Z00005	INDUCTION COIL	1	
	L5502	G1C2R2Z00007	INDUCTION COIL	1	
	L5503	G1C3R3Z00004	INDUCTION COIL	1	
	L5504	G1C100MA0077	INDUCTION COIL	1	
	L5505	G1C100MA0077	INDUCTION COIL	1	
	L5604	G1C6R8Z00010	INDUCTION COIL	1	
	L5605	G1C100MA0077	INDUCTION COIL	1	
	L5742	G1C220MA0416	INDUCTION COIL	1	
	L8000	J0JCC0000287	CHIP INDUCTOR	1	
	L8001	J0JCC0000287	CHIP INDUCTOR	1	
	L8002	J0JCC0000287	CHIP INDUCTOR	1	
	L8003	J0JHC0000045	CHIP INDUCTOR	1	
	L8004	J0JRC0000021	CHIP INDUCTOR	1	
	L8005	J0JKC0000021	CHIP INDUCTOR	1	
	L8006	J0JCC0000287	CHIP INDUCTOR	1	
	L8007	J0JHC0000045	CHIP INDUCTOR	1	
	L8008	J0JCC0000287	CHIP INDUCTOR	1	
	L8009	J0JHC0000045	CHIP INDUCTOR	1	
	L8010	J0JCC0000287	CHIP INDUCTOR	1	
	L8011	J0JHC0000116	CHIP INDUCTOR	1	
	L8012	J0JCC0000287	CHIP INDUCTOR	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	L8013	J0JCC0000287	CHIP INDUCTOR	1	
	L8014	J0JCC0000287	CHIP INDUCTOR	1	
	L8015	J0JHC0000116	CHIP INDUCTOR	1	
	L8016	J0JHC0000116	CHIP INDUCTOR	1	
	L8017	J0JHC0000045	CHIP INDUCTOR	1	
	L8018	J0JHC0000045	CHIP INDUCTOR	1	
	L8019	J0JHC0000045	CHIP INDUCTOR	1	
	L8020	J0JCC0000287	CHIP INDUCTOR	1	
	L8021	J0JCC0000287	CHIP INDUCTOR	1	
	L8022	J0JHC0000045	CHIP INDUCTOR	1	
	L8023	J0JHC0000045	CHIP INDUCTOR	1	
	L8024	J0JCC0000287	CHIP INDUCTOR	1	
	L8100	J0JHC0000045	CHIP INDUCTOR	1	
	L8303	G1CR39JA0020	INDUCTION COIL	1	
	L8304	G1CR39JA0020	INDUCTION COIL	1	
	L8305	G1CR10JA0020	INDUCTION COIL	1	
	L8307	J0JHC0000045	CHIP INDUCTOR	1	
	L8308	J0JHC0000045	CHIP INDUCTOR	1	
	L8310	J0JYC0000068	CHIP INDUCTOR	1	
	L8311	J0JHC0000045	CHIP INDUCTOR	1	
	L8312	J0JGC0000070	FILTER	1	
	L8509	J0JHC0000045	CHIP INDUCTOR	1	
	L8701	J0JHC0000045	CHIP INDUCTOR	1	
	L8702	J0JHC0000045	CHIP INDUCTOR	1	
	L8705	J0JHC0000045	CHIP INDUCTOR	1	
	L8706	J0JHC0000045	CHIP INDUCTOR	1	
	L8707	J0JHC0000045	CHIP INDUCTOR	1	
	L8708	J0JHC0000045	CHIP INDUCTOR	1	
	L9000	G1C100MA0416	INDUCTION COIL	1	
	L9300	J0JHC0000117	CHIP INDUCTOR	1	
	L9301	J0JHC0000117	CHIP INDUCTOR	1	
	L9302	J0JHC0000117	CHIP INDUCTOR	1	
	L9800	G1C6R8Z00010	INDUCTION COIL	1	
	L9801	G1C100MA0416	INDUCTION COIL	1	
	L16001	G0CR39K00002	PEAKING COIL	1	PAVCA
	L16011	G0CR39K00002	PEAKING COIL	1	PAVCA
	L16303	G0C471MA0049	PEAKING COIL	1	PAVCA
	L16401	G0CR41K00001	PEAKING COIL	1	
	L16411	G0CR41K00001	PEAKING COIL	1	
	L16472	G0ZZ00002183	PEAKING COIL	1	
	L16698	G0C681MA0065	PEAKING COIL	1	
	L16851	G0ZZ00002183	PEAKING COIL	1	
	PA5601	K5H5022A0031	FUSE	1	
	PC16191	B3PBA0000496	IC	1	
	PC16301	B3PBA0000498	IC	1	
	PC16461	B3PBE0000054	IC	1	
	PC16480	B3PBA0000498	IC	1	
	PC16603	B3PBA0000498	IC	1	
	PC16684	B3PBA0000496	IC	1	
	PC16685	B3PBA0000496	IC	1	
	PC16722	B3PBA0000498	IC	1	
	PC16723	B3PBA0000498	IC	1	
	PC16896	B3PBA0000498	IC	1	
	PC16897	B3PBA0000498	IC	1	
	Q2001	B1ADCE000022	TRANSISTOR	1	
	Q2266	DSC200100L	TRANSISTOR	1	
	Q2300	B1ADCE000022	TRANSISTOR	1	
	Q2510	DSC200100L	TRANSISTOR	1	
	Q2511	DSC200100L	TRANSISTOR	1	
	Q4500	B1ABC000231	TRANSISTOR	1	
	Q4501	B1ABC000231	TRANSISTOR	1	
	Q4512	B1HFCFA00026	TRANSISTOR	1	
	Q4513	B1ADCE000022	TRANSISTOR	1	
	Q4520	B1ABC000231	TRANSISTOR	1	
	Q4533	B1ABC000231	TRANSISTOR	1	
	Q4534	B1ABC000231	TRANSISTOR	1	
	Q4535	B1ABC000231	TRANSISTOR	1	
	Q5475	DSC2001S0L	TRANSISTOR	1	
	Q5478	DSC200100L	TRANSISTOR	1	
	Q5500	B1MBDDA00003	FET	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	Q5501	B1CFRD000048	FET	1	
	Q5502	B1MBDDA00003	FET	1	
	Q5503	B1MBEDA00015	FET	1	
	Q5504	B1CFRD000048	FET	1	
	Q5602	DSC2001S0L	TRANSISTOR	1	
	Q5603	DSC2001S0L	TRANSISTOR	1	
	Q5684	B1ADCE000022	TRANSISTOR	1	
	Q8306	B1ADCE000022	TRANSISTOR	1	
	Q9005	DSC200100L	TRANSISTOR	1	
	Q9006	DSC200100L	TRANSISTOR	1	
	Q9900	B1ABC000231	TRANSISTOR	1	
	Q9901	B1ABC000231	TRANSISTOR	1	
	Q16001	B1JADN00009	TRANSISTOR	1	
	Q16002	B1JADN00009	TRANSISTOR	1	
	Q16021	B1JADN00008	TRANSISTOR	1	PAVCA
	Q16022	B1JADN00008	TRANSISTOR	1	PAVCA
	Q16041	B1JAEN00010	TRANSISTOR	1	PAVCA
	Q16051	B1JAEN00011	TRANSISTOR	1	PAVCA
	Q16055	B1HFPFA00001	TRANSISTOR	1	
	Q16056	B1HFPFA00001	TRANSISTOR	1	
	Q16101	B1CFRM00008	FET	1	
	Q16102	B1CFRM00008	FET	1	
	Q16141	B1HFPFA00001	TRANSISTOR	1	
	Q16161	B1HFPFA00001	TRANSISTOR	1	
	Q16191	B1HFPFA00001	TRANSISTOR	1	
	Q16251	B1ABC000231	TRANSISTOR	1	
	Q16280	B1ABC000231	TRANSISTOR	1	
	Q16402	DG3D5020CSLW	TRANSISTOR	1	
	Q16403	DG3D5020CSLW	TRANSISTOR	1	
	Q16421	DG3D4020CSR	TRANSISTOR	1	
	Q16422	DG3D4020CSR	TRANSISTOR	1	
	Q16441	B1JAEP000013	TRANSISTOR	1	
	Q16452	B1JAEP000012	TRANSISTOR	1	
	Q16471	B1ABC000231	TRANSISTOR	1	
	Q16490	B1CBGD00001	FET	1	
	Q16501	B1HFPFA00001	TRANSISTOR	1	
	Q16521	B1HFPFA00001	TRANSISTOR	1	
	Q16531	B1HFPFA00001	TRANSISTOR	1	
	Q16551	B1HFPFA00001	TRANSISTOR	1	
	Q16601	B1CERR000042	FET	1	
	Q16602	DSC2001Q0L	TRANSISTOR	1	
	Q16603	DSA2001S0L	TRANSISTOR	1	
	Q16606	DSC2001Q0L	TRANSISTOR	1	
	Q16607	B1CBGD00001	FET	1	
	Q16608	B1CBGD00001	FET	1	
	Q16621	B1JADN00009	TRANSISTOR	1	
	Q16622	B1JADN00009	TRANSISTOR	1	
	Q16645	DSC2001Q0L	TRANSISTOR	1	
	Q16646	DSA2001S0L	TRANSISTOR	1	
	Q16647	B1CBGD00001	FET	1	
	Q16649	B1ABCN00007	TRANSISTOR	1	
	Q16660	B1CERR000042	FET	1	
	Q16661	B1JAER000010	TRANSISTOR	1	
	Q16662	DSC2001Q0L	TRANSISTOR	1	
	Q16663	DSA2001S0L	TRANSISTOR	1	
	Q16668	DSC2001Q0L	TRANSISTOR	1	
	Q16670	B1ADCN00007	TRANSISTOR	1	
	Q16671	B1ABC000231	TRANSISTOR	1	
	Q16675	B1ADCN00007	TRANSISTOR	1	
	Q16676	B1ABC000231	TRANSISTOR	1	
	Q16677	DSC2001Q0L	TRANSISTOR	1	
	Q16678	B1ABC000231	TRANSISTOR	1	
	Q16701	B1ADCN00007	TRANSISTOR	1	
	Q16702	B1ABC000231	TRANSISTOR	1	
	Q16762	B1HFPFA00001	TRANSISTOR	1	
	Q16801	DSA2001S0L	TRANSISTOR	1	
	Q16810	B1ABC000231	TRANSISTOR	1	
	Q16815	B1ABCN00007	TRANSISTOR	1	
	Q16816	DSC2001Q0L	TRANSISTOR	1	
	Q16817	DSC2001Q0L	TRANSISTOR	1	
	Q16818	B1CBGD00001	FET	1	
	Q16876	B1ABC000231	TRANSISTOR	1	
	Q16885	B1CFNG00001	FET	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	Q16920	B1ABCN000007	TRANSISTOR	1	
	Q16921	B1ABCN000007	TRANSISTOR	1	
	Q16930	DSC2001Q0L	TRANSISTOR	1	
	Q16931	B1ABCN000007	TRANSISTOR	1	
	Q16932	DSC2001Q0L	TRANSISTOR	1	
	R1124	D0GA473JA015	M 47 OHM, J, 0.063W	1	
	R1125	D0GA473JA015	M 47 OHM, J, 0.063W	1	
	R1141	D0GA473JA015	M 47 OHM, J, 0.063W	1	
	R1146	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R1149	D0GA182JA015	M 1.8KOHM, J, 0.063W	1	
	R1153	D0GA681JA015	M680 OHM, J, 0.063W	1	
	R1162	D0GA101JA015	M 100 OHM, J, 0.063W	1	
	R1171	D0GA272JA015	M 2.7KOHM, J, 0.063W	1	
	R1172	D0GA223JA015	M 22K OHM J 0.063W	1	
	R1182	D0GA273JA015	M 27K OHM J , 0.063W	1	
	R1194	D0GA683JA015	M 68KOHM, J, 0.063W	1	
	R1196	D0GA473JA015	M 47 OHM, J, 0.063W	1	
	R1198	D0GA101JA015	M 100 OHM, J, 0.063W	1	
	R1199	D0GA683JA015	M 68KOHM, J, 0.063W	1	
	R1200	D0GA472JA015	M 4.7KOHM, J, 0.063W	1	
	R1201	D0GA472JA015	M 4.7KOHM, J, 0.063W	1	
	R1203	D0GA473JA015	M 47 OHM, J, 0.063W	1	
	R1204	D0GA473JA015	M 47 OHM, J, 0.063W	1	
	R1209	D0GA472JA015	M 4.7KOHM, J, 0.063W	1	
	R1210	D0GA473JA015	M 47 OHM, J, 0.063W	1	
	R1214	D0GA473JA015	M 47 OHM, J, 0.063W	1	
	R1216	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R1221	ERJ2RKF7151X	M 7.15KOHM, 0.063W	1	PAVCA
	R1229	D0GA101JA015	M 100 OHM, J, 0.063W	1	
	R1236	D0GA473JA015	M 47 OHM, J, 0.063W	1	
	R1237	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R1243	D0GA473JA015	M 47 OHM, J, 0.063W	1	
	R1255	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R1256	D0GA473JA015	M 47 OHM, J, 0.063W	1	
	R1257	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R1258	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R1265	D0GA473JA015	M 47 OHM, J, 0.063W	1	
	R2006	ERJ2GEJ220	M 22 OHM, J, 0.063W	1	
	R2007	D0GA471JA015	M 470OHM, J, 0.063W	1	
	R2008	D0GA122JA015	M 1.2KOHM, J, 0.063W	1	
	R2010	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R2015	D0GA222JA015	M 2.2KOHM, J, 0.063W	1	
	R2016	D0GA472JA015	M 4.7KOHM, J, 0.063W	1	
	R2032	D0GA561JA015	M 560OHM, J, 0.063W	1	PAVCA

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R2050	D1BB1403A055	M 140KOHM, 1/10W	1	
	R2051	D1BB1403A055	M 140KOHM, 1/10W	1	
	R2121	ERJ8GEYJ3R3V	M 3.3 OHM, J,1/ 8W	1	
	R2123	ERJ8GEYJ3R3V	M 3.3 OHM, J,1/ 8W	1	
	R2125	ERJ8GEYJ3R3V	M 3.3 OHM, J,1/ 8W	1	
	R2127	ERJ8GEYJ3R3V	M 3.3 OHM, J,1/ 8W	1	
	R2132	ERJ2GEJ220	M 22 OHM, J, 0.063W	1	
	R2264	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R2265	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R2301	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R2302	D0GA222JA015	M 2.2KOHM, J, 0.063W	1	
	R2303	D0GA222JA015	M 2.2KOHM, J, 0.063W	1	
	R2306	D0GA473JA015	M 47 OHM, J, 0.063W	1	
	R2307	D0GA472JA015	M 4.7KOHM, J, 0.063W	1	
	R2308	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R2310	D0GA101JA015	M 100 OHM, J, 0.063W	1	
	R2326	EXB28V220J	RESISTOR ARRAY	1	
	R2330	D0GA392JA015	M 3.9KOHM, J, 0.063W	1	
	R2331	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
	R2516	ERJ3GEYJ223	M 22KOHM, J,1/16W	1	
	R2517	ERJ6GEYJ470V	M 47 OHM,J,1/10W	1	
	R2520	D0GB224JA041	M 2.2KOHM, J,1/ 10W	1	
	R2524	ERJ3GEYJ223	M 22KOHM, J,1/16W	1	
	R2525	D0GB222JA041	M 2.2KOHM, J,1/ 10W	1	
	R2542	D0GB104JA041	M 100KOHM J 1 / 10W	1	
	R2557	D0GB562JA041	M 5.6KOHM, J,1/ 10W	1	
	R2558	ERJ3GEYJ101	M 100 OHM, J,1/ 16W	1	
	R3058	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
	R3066	D1BB75R0A055	M 75 OHM, 1/10W	1	
	R3067	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
	R3068	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
	R3074	D0GA680JA015	M 47 OHM, J, 0.063W	1	
	R3075	D0GA680JA015	M 47 OHM, J, 0.063W	1	
	R3079	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
	R3080	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
	R3081	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
	R3082	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
	R3083	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
	R3084	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
	R3085	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
	R3086	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
	R3087	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
	R3088	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
	R3089	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R3090	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
	R3095	DOGA680JA015	M 47 OHM, J, 0.063W	1	
	R3096	DOGA680JA015	M 47 OHM, J, 0.063W	1	
	R3097	DOGA680JA015	M 47 OHM, J, 0.063W	1	
	R3098	DOGA680JA015	M 47 OHM, J, 0.063W	1	
	R3099	DOGA680JA015	M 47 OHM, J, 0.063W	1	
	R3107	DOGA680JA015	M 47 OHM, J, 0.063W	1	
	R3174	DOGA473JA015	M 47 OHM, J, 0.063W	1	
	R3188	DOGA680JA015	M 47 OHM, J, 0.063W	1	
	R3189	D1BB75R0A055	M 75 OHM, 1/10W	1	
	R3190	DOGB393JA041	M 39KOHM, J, 1/10W	1	
	R3191	DOGB393JA041	M 39KOHM, J, 1/10W	1	
	R3192	DOGB393JA041	M 39KOHM, J, 1/10W	1	
	R3193	DOGB393JA041	M 39KOHM, J, 1/10W	1	
	R3194	D1BB75R0A055	M 75 OHM, 1/10W	1	
	R3195	DOGA680JA015	M 47 OHM, J, 0.063W	1	
	R3196	DOGA680JA015	M 47 OHM, J, 0.063W	1	
	R3198	D1BB75R0A055	M 75 OHM, 1/10W	1	
	R3202	DOGB393JA041	M 39KOHM, J, 1/10W	1	
	R3204	DOGB393JA041	M 39KOHM, J, 1/10W	1	
	R3208	D1BB75R0A055	M 75 OHM, 1/10W	1	
	R3209	D1BB75R0A055	M 75 OHM, 1/10W	1	
	R3211	D1BB75R0A055	M 75 OHM, 1/10W	1	
	R3212	D1BB75R0A055	M 75 OHM, 1/10W	1	
	R3301	DOGAR00Z0001	C 0 OHM, 0.063W	1	
	R3302	DOGA101JA015	M 100 OHM, J, 0.063W	1	
	R3303	DOGAR00Z0001	C 0 OHM, 0.063W	1	
	R3305	DOGA101JA015	M 100 OHM, J, 0.063W	1	
	R3306	DOGA472JA015	M 4.7KOHM, J, 0.063W	1	
	R3307	DOGA472JA015	M 4.7KOHM, J, 0.063W	1	
	R3310	D1BB75R0A055	M 75 OHM, 1/10W	1	
	R3311	DOGAR00Z0001	C 0 OHM, 0.063W	1	
	R3313	D1BB75R0A055	M 75 OHM, 1/10W	1	
	R3316	DOGAR00Z0001	C 0 OHM, 0.063W	1	
	R3318	D1BB75R0A055	M 75 OHM, 1/10W	1	
	R3319	DOGAR00Z0001	C 0 OHM, 0.063W	1	
	R3570	ERJ6GEY0R00V	M 0 OHM J 1/10W	1	
	R3572	DOGA101JA015	M 100 OHM, J, 0.063W	1	
	R3716	DOGA393JA015	M 39KOHM, J, 0.063W	1	
	R3717	DOGA393JA015	M 39KOHM, J, 0.063W	1	
	R3771	ERJ2RKF2102X	M 2.1KOHM, 0.063W	1	PAVCA
	R3772	ERJ2RKF1741X	M 1.74KOHM, 0.063W	1	PAVCA
	R3773	ERJ2RKF1621X	M 1.62KOHM, 0.063W	1	PAVCA
	R3774	ERJ2RKF2321X	M 2.32KOHM, 0.063W	1	PAVCA
	R3775	ERJ2RKF3161X	M 3.16KOHM, 0.063W	1	PAVCA
	R4125	ERJ2GEJ220	M 22 OHM, J, 0.063W	1	
	R4126	ERJ2GEJ220	M 22 OHM, J, 0.063W	1	
	R4127	ERJ2GEJ220	M 22 OHM, J, 0.063W	1	
	R4128	ERJ2GEJ220	M 22 OHM, J, 0.063W	1	
	R4131	EXB28V220J	RESISTOR ARRAY	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R4170	ERJ2GEJ220	M 22 OHM, J, 0.063W	1	
	R4171	ERJ2GEJ220	M 22 OHM, J, 0.063W	1	
	R4500	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R4501	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R4502	DOGA330JA015	M 33 OHM, J, 0.063W	1	
	R4503	DOGA330JA015	M 33 OHM, J, 0.063W	1	
	R4504	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R4505	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R4506	DOGA473JA015	M 47 OHM, J, 0.063W	1	
	R4507	DOGA473JA015	M 47 OHM, J, 0.063W	1	
	R4524	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R4525	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R4528	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R4529	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R4530	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R4531	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R4532	DOGA473JA015	M 47 OHM, J, 0.063W	1	
	R4533	DOGA473JA015	M 47 OHM, J, 0.063W	1	
	R4534	DOGA473JA015	M 47 OHM, J, 0.063W	1	
	R4538	DOGA473JA015	M 47 OHM, J, 0.063W	1	
	R4539	DOGA680JA015	M 47 OHM, J, 0.063W	1	
	R4540	DOGA473JA015	M 47 OHM, J, 0.063W	1	
	R4541	DOGA680JA015	M 47 OHM, J, 0.063W	1	
	R4542	DOGA680JA015	M 47 OHM, J, 0.063W	1	
	R4543	DOGA680JA015	M 47 OHM, J, 0.063W	1	
	R4544	DOGA473JA015	M 47 OHM, J, 0.063W	1	
	R4545	DOGA473JA015	M 47 OHM, J, 0.063W	1	
	R4546	DOGA473JA015	M 47 OHM, J, 0.063W	1	
	R4548	ERJ2GEJ220	M 22 OHM, J, 0.063W	1	
	R4549	DOGA151JA015	M 150 OHM, J, 0.063W	1	
	R4550	DOGA151JA015	M 150 OHM, J, 0.063W	1	
	R4551	DOGA151JA015	M 150 OHM, J, 0.063W	1	
	R4552	ERJ2GEJ220	M 22 OHM, J, 0.063W	1	
	R4553	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R4554	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R4555	DOGA560JA015	M 56 OHM, J, 0.063W	1	
	R4556	DOGA473JA015	M 47 OHM, J, 0.063W	1	
	R4604	DOGA680JA015	M 47 OHM, J, 0.063W	1	
	R4607	DOGA680JA015	M 47 OHM, J, 0.063W	1	
	R4613	DOGA680JA015	M 47 OHM, J, 0.063W	1	
	R4614	DOGA680JA015	M 47 OHM, J, 0.063W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R4615	D0GA680JA015	M 47 OHM, J, 0.063W	1	
	R4616	D0GA680JA015	M 47 OHM, J, 0.063W	1	
	R4641	D0GA473JA015	M 47 OHM, J, 0.063W	1	
	R4657	ERJ2GEJ220	M 22 OHM, J, 0.063W	1	
	R4661	ERJ2GEJ220	M 22 OHM, J, 0.063W	1	
	R4665	ERJ2GEJ220	M 22 OHM, J, 0.063W	1	
	R4670	D0GA330JA015	M 33 OHM, J, 0.063W	1	
	R4672	D0GA330JA015	M 33 OHM, J, 0.063W	1	
	R4674	D0GA330JA015	M 33 OHM, J, 0.063W	1	
	R4728	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R4729	D0GA330JA015	M 33 OHM, J, 0.063W	1	
	R4732	D0GA473JA015	M 47 OHM, J, 0.063W	1	
	R4733	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R4734	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R4735	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R4736	D0GA473JA015	M 47 OHM, J, 0.063W	1	
	R4738	D0GA473JA015	M 47 OHM, J, 0.063W	1	
	R4739	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R4740	D0GA473JA015	M 47 OHM, J, 0.063W	1	
	R4742	D0GA680JA015	M 47 OHM, J, 0.063W	1	
	R4743	D0GA680JA015	M 47 OHM, J, 0.063W	1	
	R4821	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R5124	D0GA473JA015	M 47 OHM, J, 0.063W	1	
	R5125	D0GA680JA015	M 47 OHM, J, 0.063W	1	
	R5356	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R5357	D0GA123JA015	M 12K OHM J 0.063W	1	
	R5358	ERJ2GEJ104	M 100KOHM, J, 0.063W	1	
	R5365	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R5370	D0GA470JA015	M 47 OHM, J, 0.063W	1	
	R5372	D0GA101JA015	M 100 OHM, J, 0.063W	1	
	R5373	D0GA101JA015	M 100 OHM, J, 0.063W	1	
	R5412	D0GA223JA015	M 22K OHM J 0.063W	1	
	R5413	D0GA683JA015	M 68KOHM, J, 0.063W	1	
	R5418	D0GA683JA015	M 68KOHM, J, 0.063W	1	
	R5419	D0GA473JA015	M 47 OHM, J, 0.063W	1	
	R5457	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R5481	D0GA472JA015	M 4.7KOHM, J, 0.063W	1	
	R5486	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R5487	ERJ6GEYJ150V	M 15 OHM, J, 1/10W	1	
	R5504	D1BB1241A087	M1 .24KOHM, 1/10W	1	
	R5505	D1BB1241A087	M1 .24KOHM, 1/10W	1	
	R5506	D1BB2101A087	M 2.1KOHM, 1/16W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R5507	D1BB1101A055	M 1.1 KOHM, 1/ 10W	1	
	R5508	D1BB8200A087	M 820 OHM, 1/10W	1	
	R5509	D1BB8200A087	M 820 OHM, 1/10W	1	
	R5510	D1BB2001A087	M 2KOHM, 1/16W	1	
	R5511	D1BB3601A055	M 3.6KOHM, 1/10W	1	
	R5512	D0GB100JA041	M 10 OHM J 1/10W	1	
	R5513	D0GB100JA041	M 10 OHM J 1/10W	1	
	R5514	D0GB100JA041	M 10 OHM J 1/10W	1	
	R5515	D0GB100JA041	M 10 OHM J 1/10W	1	
	R5516	D0GAR00Z0001	C 0 OHM, 0.063W	1	
	R5517	D1BB1002A055	M 10KOHM, 1/10W	1	
	R5518	D0GAR00Z0001	C 0 OHM, 0.063W	1	
	R5519	D0GAR00Z0001	C 0 OHM, 0.063W	1	
	R5520	D1BB1502A055	M 15KOHM, 1/10W	1	
	R5521	D0GAR00Z0001	C 0 OHM, 0.063W	1	
	R5522	D1BB2002A055	M 20KOHM, 1/10W	1	
	R5523	D1BB2402A055	M 24KOHM, 1/10W	1	
	R5533	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R5534	D0GA203JA015	M 20K OHM J 0.063W	1	
	R5571	D0GA683JA015	M 68KOHM, J, 0.063W	1	
	R5600	D0GA680JA015	M 47 OHM, J, 0.063W	1	
	R5607	D0GA223JA015	M 22K OHM J 0.063W	1	
	R5608	D0GA683JA015	M 68KOHM, J, 0.063W	1	
	R5609	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R5610	D0GA473JA015	M 47 OHM, J, 0.063W	1	
	R5611	D0GA222JA015	M 2.2KOHM, J, 0.063W	1	
	R5612	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R5613	D0GA473JA015	M 47 OHM, J, 0.063W	1	
	R5618	D1BB4301A055	M 4.30KOHM, 1/10W	1	
	R5620	D1BB8200A055	M 820 OHM, 1/10W	1	
	R5622	D1BB1502A055	M 15KOHM, 1/10W	1	
	R5635	D1BB2702A055	M 27KOHM, 1/10W	1	
	R5640	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R5641	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R5642	ERJ2GEJ104	M 100KOHM, J, 0.063W	1	
	R5643	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R5644	D0GA752JA015	M 7.5KOHM, J, 0.063W	1	
	R5648	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R5650	D0GA473JA015	M 47 OHM, J, 0.063W	1	
	R5651	D0GA683JA015	M 68KOHM, J, 0.063W	1	
	R5652	ERJ2GEJ104	M 100KOHM, J, 0.063W	1	
	R5662	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R5664	D0GA105JA015	M 1M OHM, J, 0.063W	1	
	R5665	D0GA101JA015	M 100 OHM, J, 0.063W	1	
	R5666	D0GA471JA015	M 470OHM, J, 0.063W	1	
	R5667	D0GA101JA015	M 100 OHM, J, 0.063W	1	
	R5683	ERJ2GEJ104	M 100KOHM, J, 0.063W	1	
	R5733	D0GA154JA015	M 150KOHM J 0.063W	1	
	R5799	D1BB4702A087	M 47KOHM, 1/10W	1	PAVCA
	R5800	D1BB1002A087	M 10KOHM, 1/10W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R5801	D1BA6801A014	M6.8 OHM, 1/10W	1	PAVCA
	R5805	D0GB150JA041	M 15 OHM J 1/10W	1	PAVCA
	R5807	D0GB2R2JA057	M 2.20HM J 1/10W	1	
	R5809	D1BB6201A087	M 6.2KOHM, 1/10W	1	PAVCA
	R8000	D0GA331JA015	M 330 OHM, J, 0.063W	1	
	R8031	D0GA472JA015	M 4.7KOHM, J, 0.063W	1	
	R8102	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8103	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8104	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8105	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8106	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8108	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8109	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8111	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8112	ERJ2GEJ104	M 100KOHM, J, 0.063W	1	
	R8240	D1BA2400A014	M240 OHM, 1/10W	1	
	R8246	D0GA330JA015	M 33 OHM, J, 0.063W	1	
	R8247	D0GA330JA015	M 33 OHM, J, 0.063W	1	
	R8253	D1BA1001A014	M 1KOHM, 1/10W	1	
	R8254	D1BA1001A014	M 1KOHM, 1/10W	1	
	R8255	D1BA1001A014	M 1KOHM, 1/10W	1	
	R8270	D1BA1001A014	M 1KOHM, 1/10W	1	
	R8271	D1BA1001A014	M 1KOHM, 1/10W	1	
	R8272	D1BA1001A014	M 1KOHM, 1/10W	1	
	R8277	D1BA1001A014	M 1KOHM, 1/10W	1	
	R8278	D1BA1001A014	M 1KOHM, 1/10W	1	
	R8279	D1BA1001A014	M 1KOHM, 1/10W	1	
	R8280	D1BA1001A014	M 1KOHM, 1/10W	1	
	R8281	D1BA1001A014	M 1KOHM, 1/10W	1	
	R8282	D1BA1001A014	M 1KOHM, 1/10W	1	
	R8283	D1BA1001A014	M 1KOHM, 1/10W	1	
	R8284	D1BA1001A014	M 1KOHM, 1/10W	1	
	R8285	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
	R8286	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
	R8287	D1BA2400A014	M240 OHM, 1/10W	1	
	R8288	D1BA2400A014	M240 OHM, 1/10W	1	
	R8289	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8300	D0GBR00Z0002	M 0 OHM J 1/10W	1	
	R8301	D0GBR00Z0002	M 0 OHM J 1/10W	1	
	R8302	D0GA470JA015	M 47 OHM, J, 0.063W	1	
	R8303	D0GA470JA015	M 47 OHM, J, 0.063W	1	
	R8309	D0GAR00Z0001	C 0 OHM, 0.063W	1	
	R8310	D0GAR00Z0001	C 0 OHM, 0.063W	1	
	R8312	D0GAR00Z0001	C 0 OHM, 0.063W	1	
	R8313	D0GAR00Z0001	C 0 OHM, 0.063W	1	
	R8315	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
	R8316	D0GA471JA015	M 4700HM, J, 0.063W	1	
	R8318	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R8319	D1BB1002A055	M 10KOHM, 1/10W	1	
	R8321	D0GA222JA015	M 2.2KOHM, J, 0.063W	1	
	R8323	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
	R8324	D0GA222JA015	M 2.2KOHM, J, 0.063W	1	
	R8326	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R8327	D0GA473JA015	M 47 OHM, J, 0.063W	1	
	R8328	D0GA101JA015	M 100 OHM, J, 0.063W	1	
	R8330	D0GA470JA015	M 47 OHM, J, 0.063W	1	
	R8332	D0GA470JA015	M 47 OHM, J, 0.063W	1	
	R8334	D0GA470JA015	M 47 OHM, J, 0.063W	1	
	R8335	D0GA470JA015	M 47 OHM, J, 0.063W	1	
	R8338	D0GA473JA015	M 47 OHM, J, 0.063W	1	
	R8350	D0GA473JA015	M 47 OHM, J, 0.063W	1	
	R8360	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R8365	D0GAR00Z0001	C 0 OHM, 0.063W	1	
	R8381	D1BA75R0A014	M0.75KOHM, 1/10W	1	
	R8382	D1BA75R0A014	M0.75KOHM, 1/10W	1	
	R8383	D1BA75R0A014	M0.75KOHM, 1/10W	1	
	R8384	D1BA75R0A014	M0.75KOHM, 1/10W	1	
	R8500	D0GA472JA015	M 4.7KOHM, J, 0.063W	1	
	R8501	D0GA680JA015	M 47 OHM, J, 0.063W	1	
	R8524	D1BA49R9A014	M 49.9 OHM, 1/ 10W	1	
	R8525	D1BA49R9A014	M 49.9 OHM, 1/ 10W	1	
	R8526	D1BA49R9A014	M 49.9 OHM, 1/ 10W	1	
	R8527	D1BA49R9A014	M 49.9 OHM, 1/ 10W	1	
	R8544	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8545	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8546	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8549	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8550	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8551	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8552	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8553	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8554	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8555	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8556	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8557	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8558	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8559	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8560	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8562	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8564	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8565	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8566	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8572	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8585	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R8587	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R8588	D0GBR00Z0002	M 0 OHM J 1/10W	1	
	R8690	D0GA272JA015	M 2.7KOHM, J, 0.063W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R8691	D0GA272JA015	M 2.7KOHM, J, 0.063W	1	
	R8692	D0GA272JA015	M 2.7KOHM, J, 0.063W	1	
	R8693	D0GA272JA015	M 2.7KOHM, J, 0.063W	1	
	R8694	D0GA272JA015	M 2.7KOHM, J, 0.063W	1	
	R8695	D0GA272JA015	M 2.7KOHM, J, 0.063W	1	
	R8696	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8697	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8698	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8699	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8700	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8701	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8703	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8704	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8705	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8706	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8707	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8708	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8709	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8710	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8711	D0GA472JA015	M 4.7KOHM, J, 0.063W	1	
	R8712	D0GA472JA015	M 4.7KOHM, J, 0.063W	1	
	R8714	D1HG1038A002	NETWORK RESISTER	1	
	R8715	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8716	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8717	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8718	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8719	ERJ2GEJ220	M 22 OHM, J, 0.063W	1	
	R8720	ERJ2GEJ220	M 22 OHM, J, 0.063W	1	
	R8721	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8722	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8723	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8724	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8725	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8728	EXB28V560JX	RESISTOR ARRAY	1	
	R8731	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8733	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8734	D0GAR00Z0001	C 0 OHM, 0.063W	1	
	R8735	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8737	D1BA6491A014	M6.49KOHM, 1/10W	1	
	R8743	ERJ2GEJ220	M 22 OHM, J, 0.063W	1	
	R8744	D1BA6201A014	M6.2KOHM, 1/16W	1	
	R8745	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8746	D0GAR00Z0001	C 0 OHM, 0.063W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R8747	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8748	ERJ2GEJ220	M 22 OHM, J, 0.063W	1	
	R8751	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8752	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8754	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8755	D0GBR00Z0002	M 0 OHM J 1/10W	1	
	R8756	D1BA1600A014	M160 OHM, 1/10W	1	
	R8757	D1BA1600A014	M160 OHM, 1/10W	1	
	R8758	D1BA2402A014	M 24KOHM, 1/10W	1	
	R8759	D1BA1002A014	M 10KOHM, 1/10W	1	
	R8760	D1BA2402A014	M 24KOHM, 1/10W	1	
	R8761	D1BA6201A014	M6.2KOHM, 1/16W	1	
	R8762	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8763	D0GAR00Z0001	C 0 OHM, 0.063W	1	
	R8764	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8765	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8766	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8767	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8768	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8769	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8770	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8771	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8772	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8773	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8774	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8775	D0GA272JA015	M 2.7KOHM, J, 0.063W	1	
	R8776	D0GA272JA015	M 2.7KOHM, J, 0.063W	1	
	R8779	D0GBR00Z0002	M 0 OHM J 1/10W	1	
	R8856	D0GA473JA015	M 47 OHM, J, 0.063W	1	
	R8857	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8918	EXB2HV680J	RESISTOR ARRAY	1	
	R8944	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8945	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8946	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8947	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8948	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8949	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8950	D0GA560JA015	M 56 OHM, J, 0.063W	1	
	R8951	D0GA222JA015	M 2.2KOHM, J, 0.063W	1	
	R8952	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8963	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8965	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8972	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8973	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8975	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R9014	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R9019	D0GA473JA015	M 47 OHM, J, 0.063W	1	
	R9020	D0GA473JA015	M 47 OHM, J, 0.063W	1	
	R9035	D0GA332JA015	M 3.3KOHM, J, 0.063W	1	
	R9036	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R9037	D0GA473JA015	M 47 OHM, J, 0.063W	1	
	R9038	ERJ2GEJ104	M 100KOHM, J, 0.063W	1	
	R9039	D0GA473JA015	M 47 OHM, J, 0.063W	1	
	R9040	D0GA472JA015	M 4.7KOHM, J, 0.063W	1	
	R9107	D0GA332JA015	M 3.3KOHM, J, 0.063W	1	
	R9121	D0GA101JA015	M 100 OHM, J, 0.063W	1	
	R9133	D1BB1202A055	M 12KOHM, 1/10W	1	
	R9134	D1BB1002A055	M 10KOHM, 1/10W	1	
	R9135	D1BB2702A055	M 27KOHM, 1/10W	1	
	R9145	D0GA101JA015	M 100 OHM, J, 0.063W	1	
	R9146	D0GA101JA015	M 100 OHM, J, 0.063W	1	
	R9190	D0GA101JA015	M 100 OHM, J, 0.063W	1	
	R9191	D0GA101JA015	M 100 OHM, J, 0.063W	1	
	R9198	EXB28V101JX	RESISTOR ARRAY	1	
	R9203	D0GA272JA015	M 2.7KOHM, J, 0.063W	1	
	R9205	D0GA333JA015	M 33KOHM, J, 0.063W	1	
	R9206	D0GA563JA015	M 56KOHM, J, 0.063W	1	
	R9208	EXB2HV470JV	RESISTOR ARRAY	1	
	R9209	EXB2HV470JV	RESISTOR ARRAY	1	
	R9224	D0GA470JA015	M 47 OHM, J, 0.063W	1	
	R9226	D0GA470JA015	M 47 OHM, J, 0.063W	1	
	R9228	D1BB4701A055	M 4.7KOHM, 1/10W	1	
	R9247	D0GA470JA015	M 47 OHM, J, 0.063W	1	
	R9318	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R9320	D0GA681JA015	M680 OHM, J, 0.063W	1	
	R9321	D0GA105JA015	M 1M OHM, J, 0.063W	1	
	R9323	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R9324	D0GB162JA041	N 1.6KOHM J 1/ 10W	1	
	R9325	D0GB162JA041	N 1.6KOHM J 1/ 10W	1	
	R9326	D0GB162JA041	N 1.6KOHM J 1/ 10W	1	
	R9327	D0GB162JA041	N 1.6KOHM J 1/ 10W	1	
	R9400	EXB2HV103JV	RESISTOR ARRAY	1	
	R9401	EXB2HV103JV	RESISTOR ARRAY	1	
	R9402	EXB28V103JX	RESISTOR ARRAY	1	
	R9608	EXB2HV470JV	RESISTOR ARRAY	1	
	R9609	EXB2HV470JV	RESISTOR ARRAY	1	
	R9610	EXB2HV470JV	RESISTOR ARRAY	1	
	R9872	D1BB3301A055	M 3.3KOHM, 1/16W	1	
	R9873	D1BB1002A055	M 10KOHM, 1/10W	1	
	R9874	D1BB2702A055	M 27KOHM, 1/10W	1	
	R9875	D1BB2002A055	M 20KOHM, 1/10W	1	
	R9877	D1BB4702A055	M 47KOHM, 1/10W	1	
	R9878	D1BB1002A055	M 10KOHM, 1/10W	1	
	R9879	D1BB1502A055	M 15KOHM, 1/10W	1	
	R9903	D0GA472JA015	M 4.7KOHM, J, 0.063W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R9904	ERJ2GEJ104	M 100KOHM, J, 0.063W	1	
	R9905	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R9906	ERJ2GEJ104	M 100KOHM, J, 0.063W	1	
	R9907	D0GA101JA015	M 100 OHM, J, 0.063W	1	
	R9908	D0GB390JA041	M 39 OHM, J, 1/10W	1	
	R9909	D0GB390JA041	M 39 OHM, J, 1/10W	1	
	R9910	D0GB2R2JA057	M 2.2OHM J 1/10W	1	
	R9911	D0GB2R2JA057	M 2.2OHM J 1/10W	1	
	R9912	D1BB5601A055	M 5.6KOHM, 1/10W	1	
	R16001	DOGF7R5JA047	M 7.5 OHM, J, 0.33W	1	
	R16002	DOGF7R5JA047	M 7.5 OHM, J, 0.33W	1	
	R16021	DOGF7R5JA047	M 7.5 OHM, J, 0.33W	1	
	R16022	DOGF7R5JA047	M 7.5 OHM, J, 0.33W	1	
	R16031	ERJ6ENF8202	M 82KOHM, 1/10W	1	
	R16032	ERJ6ENF8202	M 82KOHM, 1/10W	1	
	R16033	ERJ6ENF5602	M 56KOHM, 1/10W	1	
	R16034	ERJ6ENF2702	M 27KOHM, 1/10W	1	
	R16041	D0GF5R6JA047	M 5.6 OHM, J, 0.33W	1	
	R16051	DOGF5R6JA047	M 5.6 OHM, J, 0.33W	1	
	R16101	DOGD221JA059	M 220 OHM, F, 0.25W	1	
	R16102	DOGD221JA059	M 220 OHM, F, 0.25W	1	
	R16103	DOGD100JA059	M 10 OHM, J, 0.25W	1	
	R16104	DOGD100JA059	M 10 OHM, J, 0.25W	1	
	R16105	ERJ8GEYJ474	M 470KOHM, J, 1/ 8W	1	
	R16109	DOGD100JA059	M 10 OHM, J, 0.25W	1	
	R16116	D0GB473JA057	M 47KOHM, J, 1/10W	1	
	R16131	ERJ8GEYJ101V	M 100 OHM, J, 1/ 8W	1	
	R16132	ERJ8GEYJ101V	M 100 OHM, J, 1/ 8W	1	
	R16134	DOGD750JA059	M 75 OHM, J, 0.25W	1	
	R16137	DOGF1R0JA047	M 1.0 OHM, J, 0.33W	1	
	R16141	DOGD100JA059	M 10 OHM, J, 0.25W	1	
	R16143	D0GB473JA057	M 47KOHM, J, 1/10W	1	
	R16151	ERJ8GEYJ101V	M 100 OHM, J, 1/ 8W	1	
	R16152	ERJ8GEYJ101V	M 100 OHM, J, 1/ 8W	1	
	R16154	DOGD750JA059	M 75 OHM, J, 0.25W	1	
	R16155	DOGF1R0JA047	M 1.0 OHM, J, 0.33W	1	
	R16159	DOGF1R0JA047	M 1.0 OHM, J, 0.33W	1	
	R16161	DOGD100JA059	M 10 OHM, J, 0.25W	1	
	R16163	D0GB473JA057	M 47KOHM, J, 1/10W	1	
	R16171	DOGD100JA059	M 10 OHM, J, 0.25W	1	
	R16173	D0GB473JA057	M 47KOHM, J, 1/10W	1	
	R16181	DOGD100JA059	M 10 OHM, J, 0.25W	1	
	R16183	D0GB473JA057	M 47KOHM, J, 1/10W	1	
	R16191	ERJ6GEYJ151V	M 150 OHM, J, 1/ 10W	1	
	R16192	D0GB103JA057	M 10K OHM J 1/ 10W	1	
	R16193	ERJ6GEYJ750	M 75 OHM, J, 1/10W	1	
	R16195	DOGF1R0JA047	M 1.0 OHM, J, 0.33W	1	
	R16230	ERJ6GEYJ470V	M 47 OHM, J, 1/10W	1	
	R16231	ERJ3GEYJ472	M 4.7KOHM, J, 1/ 16W	1	
	R16241	EXB38V470J	RESISTOR ARRAY	1	
	R16242	EXB38V472JV	RESISTOR ARRAY	1	
	R16251	D1BB1401A055	M 1.4KOHM, 1/10W	1	
	R16252	ERJ6ENF3902	M 39KOHM, 1/10W	1	
	R16253	ERJ6ENF3902	M 39KOHM, 1/10W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R16254	ERJ6ENF6801	M 6.8KOHM, 1/10W	1	
	R16255	D1BB1201JA055	M 1.2KOHM, 1/10W	1	
	R16256	D1BB1501JA055	M1 .50KOHM, 1/10W	1	
	R16257	D0GB273JA041	M 27K OHM J 1/10W	1	
	R16258	D0GB103JA057	M 10K OHM J 1/10W	1	
	R16260	ERJ6GEYJ222V	M 2.2K OHM J 1/10W	1	
	R16280	D0GB222JA041	M 2.2KOHM, J,1/10W	1	
	R16281	D0GB103JA057	M 10K OHM J 1/10W	1	
	R16282	ERJ6GEYJ221V	M 220 OHM, J,1/10W	1	
	R16283	D0GB473JA057	M 47KOHM, J,1/10W	1	
	R16284	D0GB224JA041	M 2.2KOHM, J,1/10W	1	
	R16285	EXB38V623J	RESISTOR ARRAY	1	
	R16288	D0GF334JA047	M 330KOHM, F, 0 .33W	1	
	R16289	D0GF334JA047	M 330KOHM, F, 0 .33W	1	
	R16290	D0GF334JA047	M 330KOHM, F, 0 .33W	1	
	R16307	ERJ6RBD6492	M64 .9KOHM, F,1/10W	1	
	R16309	ERG1FJS333D	M 33KOHM, J, 1W	1	
	R16318	ERJ6RBD683	M 68KOHM, J,1/10W	1	
	R16319	ERJ6RBD2491	M 2 .49KOHM, 1/10W	1	
	R16320	ERJ14YJ683	M 68KOHM, 1/2W	1	
	R16330	D0GB102JA041	M 1KOHM, J,1/10W	1	
	R16332	D0GB474JA041	M 470KOHM, J,1/10W	1	
	R16334	ERJ3GEYJ472	M 4 .7KOHM, J,1/16W	1	
	R16335	D0GB102JA041	M 1KOHM, J,1/10W	1	
	R16402	D0GF7R5JA047	M 7 .5 OHM, J, 0.33W	1	
	R16403	D0GF7R5JA047	M 7 .5 OHM, J, 0.33W	1	
	R16410	D0GB391JA041	M 390 OHM, J,1/10W	1	
	R16411	ERJ6ENF2700	M 270 OHM, 1/10W	1	
	R16416	D0GB103JA057	M 10K OHM J 1/10W	1	
	R16417	ERJ6GEYJ101V	M 100 OHM, J,1/10W	1	
	R16418	ERJ6GEYJ101V	M 100 OHM, J,1/10W	1	
	R16421	D0GF7R5JA047	M 7 .5 OHM, J, 0.33W	1	
	R16422	D0GF7R5JA047	M 7 .5 OHM, J, 0.33W	1	
	R16441	D0GF5R6JA047	M 5 .6 OHM, J, 0.33W	1	
	R16452	D0GF5R6JA047	M 5 .6 OHM, J, 0.33W	1	
	R16465	ERJ6ENF2702	M 27KOHM, 1/10W	1	
	R16466	ERJ6ENF5602	M 56KOHM, 1/10W	1	
	R16467	ERJ6ENF8202	M 82KOHM, 1/10W	1	
	R16468	ERJ6ENF8202	M 82KOHM, 1/10W	1	
	R16471	D0GB392JA041	M 3 .9KOHM, J,1/10W	1	
	R16472	D0GB222JA041	M 2.2KOHM, J,1/10W	1	
	R16473	ERJ6GEYF561	M 560 OHM, F,1/10W	1	
	R16474	D0GB102JA041	M 1KOHM, J,1/10W	1	
	R16475	ERJ3GEYJ472	M 4 .7KOHM, J,1/16W	1	
	R16476	ERJ3GEYJ472	M 4 .7KOHM, J,1/16W	1	
	R16478	D0GB562JA041	M 5 .6KOHM, J,1/10W	1	
	R16479	ERJ6GEYJ103V	M 10K OHM J 1/10W	1	
	R16490	ERJ6RED124	M 120KOHM, 1/10W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R16491	ERJ6RED124	M 120KOHM, 1/10W	1	
	R16492	ERJ6RED124	M 120KOHM, 1/10W	1	
	R16493	ERJ6RBD6191	M 6 .19KOHM, 1/10W	1	
	R16494	D1BB2001JA055	M 2KOHM, 1/10W	1	
	R16495	ERJ6ENF7500	M 750 OHM, 1/10W	1	
	R16496	ERJ6GEYJ470V	M 47 OHM, J,1/10W	1	
	R16497	D0GB473JA057	M 47KOHM, J,1/10W	1	
	R16498	D0GB103JA057	M 10K OHM J 1/10W	1	
	R16503	D0GD100JA059	M 10 OHM, J,0 .25W	1	
	R16504	D0GD750JA059	M 75 OHM, J,0 .25W	1	
	R16506	D0GD100JA059	M 10 OHM, J,0 .25W	1	
	R16509	D0GF1R0JA047	M 1.0 OHM, J, 0.33W	1	
	R16512	D0GB473JA057	M 47KOHM, J,1/10W	1	
	R16517	D0GB473JA057	M 47KOHM, J,1/10W	1	
	R16521	ERJ6GEYJ101V	M 100 OHM, J,1/10W	1	
	R16522	ERJ6GEYJ101V	M 100 OHM, J,1/10W	1	
	R16523	D0GD750JA059	M 75 OHM, J,0 .25W	1	
	R16531	D0GD100JA059	M 10 OHM, J,0 .25W	1	
	R16533	D0GB473JA057	M 47KOHM, J,1/10W	1	
	R16534	D0GF5R6JA047	M 5 .6 OHM, J, 0.33W	1	
	R16551	D0GD100JA059	M 10 OHM, J,0 .25W	1	
	R16553	D0GB473JA057	M 47KOHM, J,1/10W	1	
	R16561	EXB38V470J	RESISTOR ARRAY	1	
	R16562	EXB38V470J	RESISTOR ARRAY	1	
	R16563	EXB38V470J	RESISTOR ARRAY	1	
	R16564	EXB38V470J	RESISTOR ARRAY	1	
	R16565	EXB38V472JV	RESISTOR ARRAY	1	
	R16566	EXB38V472JV	RESISTOR ARRAY	1	
	R16567	EXB38V472JV	RESISTOR ARRAY	1	
	R16568	EXB38V472JV	RESISTOR ARRAY	1	
	R16570	EXB38V472JV	RESISTOR ARRAY	1	
	R16579	EXB38V470J	RESISTOR ARRAY	1	
	R16580	D0GB562JA041	M 5 .6KOHM, J,1/10W	1	
	R16582	ERJ6ENF3902	M 39KOHM, 1/10W	1	
	R16583	ERJ6ENF3902	M 39KOHM, 1/10W	1	
	R16584	ERJ6ENF6801	M 6 .8KOHM, 1/10W	1	
	R16585	D1BB1001JA055	M 1KOHM, 1/16W	1	
	R16586	D1BB2151JA055	M2 .15KOHM, 1/10W	1	
	R16587	D0GB222JA041	M 2.2KOHM, J,1/10W	1	
	R16588	D0GB103JA057	M 10K OHM J 1/10W	1	
	R16590	ERJ3GEYJ221	M 220 OHM, J,1/16W	1	
	R16591	EXB38V472JV	RESISTOR ARRAY	1	
	R16593	D1BB1401JA055	M 1.4KOHM, 1/10W	1	
	R16601	D0GF1R0JA047	M 1.0 OHM, J, 0.33W	1	
	R16604	ERJ6GEYJ331V	M 330 OHM J 1/10W	1	
	R16605	ERJ6GEYG182	M 1 .8KOHM, J,1/10W	1	
	R16607	D1BB6981JA055	M6 .98KOHM, 1/10W	1	
	R16609	D0GF202JA047	M 2KOHM, J, 0.33W	1	
	R16610	D0GB104JA041	M 100KOHM J 1/10W	1	
	R16612	D0GD470JA059	M 47 OHM, J,0 .25W	1	
	R16615	D1BB1101JA055	M 1.1 KOHM, 1/10W	1	
	R16617	ERJ6GEYJ222V	M 2.2K OHM J 1/10W	1	
	R16621	ERJ6GEYJ221V	M 220 OHM, J,1/10W	1	
	R16622	ERJ6GEYJ221V	M 220 OHM, J,1/10W	1	
	R16631	D0GB103JA057	M 10K OHM J 1/10W	1	
	R16633	ERJ6GEYJ223	M 22KOHM, J,1/10W	1	
	R16634	ERJ6GEYJ471	M 470 OHM, J,1/10W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R16645	D0GB562JA041	M 5.6KOHM, J,1/ 10W	1	
	R16646	D1BB1181A055	M 1.18KOHM, 1/ 10W	1	
	R16648	D0GF202JA047	M 2KOHM, J, 0.33W	1	
	R16649	D0GD330JA059	M 33 OHM, F,0.25W	1	
	R16650	D0GB104JA041	M 100KOHM J 1/ 10W	1	
	R16651	D0GF202JA047	M 2KOHM, J, 0.33W	1	
	R16652	ERJ6GEYF822	M 8.2KOHM,F,1/ 10W	1	
	R16653	ERJ8GEYJ182	M 1.8KOHM, J,1/ 8W	1	
	R16654	ERJ6GEYJ470V	M 47 OHM, J,1/10W	1	
	R16655	D0GB103JA057	M 10K OHM J 1/ 10W	1	
	R16656	ERJ8GEYJ472V	M 4.7KOHM, J,1/ 8W	1	
	R16658	ERJ3RBD6341	M6.34 OHM, 1/13W	1	
	R16659	ERJ6GEY0R00V	M 0 OHM J 1/10W	1	
	R16660	ERJ6GEYJ222V	M 2.2K OHM J 1/ 10W	1	
	R16661	D0GB122JA041	N 1.2KOHM J 1/ 10W	1	
	R16662	D1BB1002A087	M 10KOHM, 1/10W	1	
	R16663	ERJ6RBD7151	M 7.15KOHM, 1/ 10W	1	
	R16664	D0GF202JA047	M 2KOHM, J, 0.33W	1	
	R16665	D0GD330JA059	M 33 OHM, F,0.25W	1	
	R16666	D1BB2202A087	M 22KOHM, 1/10W	1	
	R16667	D0GF202JA047	M 2KOHM, J, 0.33W	1	
	R16668	D0GF202JA047	M 2KOHM, J, 0.33W	1	
	R16673	ERJ6GEYJ472V	M 4.7K OHM J 1/ 10W	1	
	R16674	D0GF202JA047	M 2KOHM, J, 0.33W	1	
	R16675	ERJ3GEYJ472	M 4.7KOHM, J,1/ 16W	1	
	R16677	D0GF202JA047	M 2KOHM, J, 0.33W	1	
	R16678	D0GF202JA047	M 2KOHM, J, 0.33W	1	
	R16679	ERJ3RBD1072	M10.7KOHM, 1/13W	1	
	R16680	ERJ6GEYJ472V	M 4.7K OHM J 1/ 10W	1	
	R16681	D0GD100JA059	M 10 OHM, J,0.25W	1	
	R16682	D0GD100JA059	M 10 OHM, J,0.25W	1	
	R16684	ERJ6GEYJ221V	M 220 OHM,J,1/ 10W	1	
	R16685	ERJ6GEYJ221V	M 220 OHM,J,1/ 10W	1	
	R16686	D0GB103JA057	M 10K OHM J 1/ 10W	1	
	R16687	D1BB2702A055	M 27KOHM, 1/10W	1	
	R16688	D1BB8871A055	M8.87KOHM, 1/10W	1	
	R16690	ERJ3GEYJ472	M 4.7KOHM,J,1/ 16W	1	
	R16691	ERJ8GEYJ563	M 56KOHM, J,1/8W	1	
	R16692	ERJ6RBD152	M 1.5KOHM,J,1/ 10W	1	
	R16694	ERJ8GEYJ563	M 56KOHM, J,1/8W	1	
	R16695	ERJ6RBD152	M 1.5KOHM,J,1/ 10W	1	
	R16696	ERF5TK2R2	W 2.2 OHM, K, 5W	1	
	R16699	D0GB103JA057	M 10K OHM J 1/ 10W	1	
	R16707	ERJ6GEYG392	M 3.9KOHM,J,1/ 10W	1	
	R16711	ERJ3GEYJ472	M 4.7KOHM,J,1/ 16W	1	
	R16712	ERJ6GEYJ102V	M 1K OHM J 1/10W	1	
	R16717	D0GB102JA041	M 1KOHM,J,1/10W	1	
	R16719	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
	R16721	EXB38V220JV	RESISTOR ARRAY	1	
	R16742	D0GB473JA057	M 47KOHM,J,1/10W	1	
	R16745	D0GB474JA041	M 470KOHM,J,1/ 10W	1	
	R16746	ERJ6GEYF473	M 47KOHM,J,1/10W	1	
	R16747	ERJ6GEYJ222V	M 2.2K OHM J 1/ 10W	1	
	R16750	D0GD123JA059	M 12KOHM,F,0.25W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R16751	D0GD154JA059	M 150KOHM,F,0.25W	1	
	R16752	ERJ3GEYJ472	M 4.7KOHM,J,1/ 16W	1	
	R16753	ERJ6GEYF473	M 47KOHM,J,1/10W	1	
	R16755	D0GD123JA059	M 12KOHM,F,0.25W	1	
	R16756	D0GD123JA059	M 12KOHM,F,0.25W	1	
	R16761	D0GD100JA059	M 10 OHM,J,0.25W	1	
	R16763	D0GB473JA057	M 47KOHM,J,1/10W	1	
	R16765	D0GD100JA059	M 10 OHM,J,0.25W	1	
	R16769	D0GD750JA059	M 75 OHM,J,0.25W	1	
	R16772	ERJ3GEYJ472	M 4.7KOHM,J,1/ 16W	1	
	R16773	ERJ6GEYJ102V	M 1K OHM J 1/10W	1	
	R16774	ERG1S2J273	M 27KOHM, J, 1W	1	
	R16776	ERJ6GEYJ470V	M 47 OHM,J,1/10W	1	
	R16783	D0GD154JA059	M 150KOHM,F,0.25W	1	
	R16785	ERJ6ENF1073	M 107KOHM, 1/10W	1	
	R16786	ERJ6ENF1073	M 107KOHM, 1/10W	1	
	R16787	ERJ6ENF3302	M 33KOHM, 1/10W	1	
	R16789	D0GB103JA057	M 10K OHM J 1/ 10W	1	
	R16791	D0GB102JA041	M 1KOHM,J,1/10W	1	
	R16797	ERJ6GEYJ220	M 22 OHM,J,1/10W	1	
	R16798	D0GB222JA041	M 2.2KOHM,J,1/ 10W	1	
	R16799	D0GB102JA041	M 1KOHM,J,1/10W	1	
	R16801	ERJ6RBD223V	M 22KOHM, 1/16W	1	
	R16802	ERJ6RBD3092	M30.9KOHM,F,1/ 10W	1	
	R16804	ERJ8GEYJ112	M 1.1KOHM, J,1/ 8W	1	
	R16818	D1BB3302A055	M 33KOHM, 1/10W	1	
	R16819	ERJ6ENF1503	M 150KOHM, 1/10W	1	
	R16820	ERJ6ENF1503	M 150KOHM, 1/10W	1	
	R16822	ERJ6ENF8202	M 82KOHM, 1/10W	1	
	R16823	ERJ6ENF8202	M 82KOHM, 1/10W	1	
	R16824	ERJ6ENF3302	M 33KOHM, 1/10W	1	
	R16825	D0GD154JA059	M 150KOHM,F,0.25W	1	
	R16826	ERJ6GEYJ103V	M 10K OHM J 1/ 10W	1	
	R16827	D0GB222JA041	M 2.2KOHM,J,1/ 10W	1	
	R16829	D0GB102JA041	M 1KOHM,J,1/10W	1	
	R16831	ERJ6RBD6812	M68.1KOHM,F,1/ 10W	1	
	R16832	ERJ6RBD7152	M71.5KOHM,F,1/ 10W	1	
	R16837	D0GB102JA041	M 1KOHM,J,1/10W	1	
	R16838	ERG1FJS104D	M 100KOHM, J, 1W	1	
	R16841	ERJ3GEYJ472	M 4.7KOHM,J,1/ 16W	1	
	R16843	ERJ6GEYJ102V	M 1K OHM J 1/10W	1	
	R16844	ERA6YEB242	M 24KOHM, 1/10W	1	
	R16845	ERJ6RBD6652	M66.5KOHM,F,1/ 10W	1	
	R16846	ERJ6RBD6492	M64.9KOHM,F,1/ 10W	1	
	R16849	ERJ6RBD6492	M64.9KOHM,F,1/ 10W	1	
	R16851	D0GB474JA041	M 470KOHM,J,1/ 10W	1	
	R16852	D0GB474JA041	M 470KOHM,J,1/ 10W	1	
	R16860	ERG2FNJS8R2E	M 8.2 OHM, J, 2W	1	
	R16870	ERJ14YJ683	M 68KOHM, 1/2W	1	
	R16873	ERA6YEB242	M 24KOHM, 1/10W	1	
	R16891	D1BF6982A058	M 6.98KOHM, 1/ 10W	1	
	R16892	D1BF8252A058	M 8.25KOHM, 1/ 10W	1	
	R16893	D1BF8252A058	M 8.25KOHM, 1/ 10W	1	
	R16897	D1BB1001A055	M 1KOHM, 1/16W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R16898	D1BB1051A055	M 1.05KOHM, 1/10W	1	
	R16899	D1BB2741A055	M2.74KOHM, 1/10W	1	
	R16900	D0GB103JA057	M 10K OHM J 1/10W	1	
	R16901	ERJ3GEYJ472	M 4.7KOHM, J,1/16W	1	
	R16904	ERJ6GEYJ223	M 22KOHM, J,1/10W	1	
	R16919	D1BB7501A055	M7.50KOHM, 1/10W	1	
	R16920	D0GB103JA057	M 10K OHM J 1/10W	1	
	R16921	D1BB1241A055	M1.24KOHM, 1/10W	1	
	R16922	D1BB3481A055	M3.48KOHM, 1/10W	1	
	R16923	D0GB103JA057	M 10K OHM J 1/10W	1	
	R16926	ERJ6GEYJ222V	M 2.2K OHM J 1/10W	1	
	R16927	ERJ6GEYJ223	M 22KOHM, J,1/10W	1	
	R16928	ERJ6GEYJ472V	M 4.7K OHM J 1/10W	1	
	R16929	D0GF1R0JA047	M 1.0 OHM, J, 0.33W	1	
	R16930	D1BF2R70A021	M 2.7 OHM, 1/10W	1	
	R16931	D1BF2R70A021	M 2.7 OHM, 1/10W	1	
	R16932	ERJ6GEYJ223	M 22KOHM, J,1/10W	1	
	R16933	D1BB1002A055	M 10KOHM, 1/10W	1	
	R16934	D1BB6801A055	M 6.8KOHM, 1/10W	1	
	R16935	D0GB512JA041	M 5.1KOHM, J,1/10W	1	
	R16936	D0GB222JA041	M 2.2KOHM, J,1/10W	1	
	R16937	D0GB184JA041	M 180KOHM J 1/10W	1	
	R16938	D0GB184JA041	M 180KOHM J 1/10W	1	
	R17101	ERJ6GEYOR00V	M 0 OHM J 1/10W	1	
	R17103	EXB38V681J	RESISTOR ARRAY	1	
	R17104	EXB38V470J	RESISTOR ARRAY	1	
	R17105	EXB38V470J	RESISTOR ARRAY	1	
	R17106	D0GZ1R0JA020	C1.0 OHM, J, 0.5W	1	PAVCA
	R17108	D0GB101JA041	M 100 OHM, J,1/10W	1	
	R17109	D0GB101JA041	M 100 OHM,J,1/10W	1	
	R17110	D0GB201JA041	M 200 OHM,J,1/10W	1	PAVCA
	R17111	D0GZ1R0JA020	C1.0 OHM, J, 0.5W	1	PAVCA
	R17113	D0GB101JA041	M 100 OHM,J,1/10W	1	
	R17114	D0GB101JA041	M 100 OHM,J,1/10W	1	
	R17115	D0GB201JA041	M 200 OHM,J,1/10W	1	PAVCA
	R17116	D0GZ1R0JA020	C1.0 OHM, J, 0.5W	1	PAVCA
	R17118	D0GB101JA041	M 100 OHM,J,1/10W	1	
	R17119	D0GB101JA041	M 100 OHM,J,1/10W	1	
	R17120	D0GB201JA041	M 200 OHM,J,1/10W	1	PAVCA
	R17121	D0GZ1R0JA020	C1.0 OHM, J, 0.5W	1	PAVCA
	R17123	D0GB101JA041	M 100 OHM,J,1/10W	1	
	R17124	D0GB101JA041	M 100 OHM,J,1/10W	1	
	R17125	D0GB201JA041	M 200 OHM,J,1/10W	1	PAVCA
	R17126	D0GZ1R0JA020	C1.0 OHM, J, 0.5W	1	PAVCA
	R17128	D0GB101JA041	M 100 OHM,J,1/10W	1	
	R17129	D0GB101JA041	M 100 OHM,J,1/10W	1	
	R17130	D0GB201JA041	M 200 OHM,J,1/10W	1	PAVCA

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R17131	D0GZ1R0JA020	C1.0 OHM, J, 0.5W	1	PAVCA
	R17133	D0GB101JA041	M 100 OHM,J,1/10W	1	
	R17134	D0GB101JA041	M 100 OHM,J,1/10W	1	
	R17135	D0GB201JA041	M 200 OHM,J,1/10W	1	PAVCA
	R17136	D0GZ1R0JA020	C1.0 OHM, J, 0.5W	1	PAVCA
	R17138	D0GB101JA041	M 100 OHM,J,1/10W	1	
	R17139	D0GB101JA041	M 100 OHM,J,1/10W	1	
	R17140	D0GB101JA041	M 100 OHM,J,1/10W	1	
	R17141	D0GZ1R0JA020	C1.0 OHM, J, 0.5W	1	PAVCA
	R17143	D0GB101JA041	M 100 OHM,J,1/10W	1	
	R17144	D0GB101JA041	M 100 OHM,J,1/10W	1	
	R17145	D0GB101JA041	M 100 OHM,J,1/10W	1	
	R17146	D0GB681JA041	M 680 OHM,J,1/10W	1	
	R17147	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
	R17148	D0GF151JA047	M 150 OHM,J, 0.33W	1	
	R17150	D0GB102JA041	M 1KOHM,J,1/10W	1	
	R17151	D0GBR00Z0002	M 0 OHM J 1/10W	1	
	R17152	D0GBR00Z0002	M 0 OHM J 1/10W	1	
	R17153	D0GBR00Z0002	M 0 OHM J 1/10W	1	
	R17201	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
	R17202	EXB38V470J	RESISTOR ARRAY	1	
	R17203	EXB38V470J	RESISTOR ARRAY	1	
	R17204	EXB38V681J	RESISTOR ARRAY	1	
	R17205	EXB38V470J	RESISTOR ARRAY	1	
	R17206	EXB38V470J	RESISTOR ARRAY	1	
	R17207	EXB38V681J	RESISTOR ARRAY	1	
	R17208	EXB38V681J	RESISTOR ARRAY	1	
	R17210	D0GZ1R0JA020	C1.0 OHM, J, 0.5W	1	PAVCA
	R17212	D0GB101JA041	M 100 OHM,J,1/10W	1	
	R17213	D0GB101JA041	M 100 OHM,J,1/10W	1	
	R17214	D0GB201JA041	M 200 OHM,J,1/10W	1	PAVCA
	R17215	D0GZ1R0JA020	C1.0 OHM, J, 0.5W	1	PAVCA
	R17217	D0GB101JA041	M 100 OHM,J,1/10W	1	
	R17218	D0GB101JA041	M 100 OHM,J,1/10W	1	
	R17219	D0GB201JA041	M 200 OHM,J,1/10W	1	PAVCA
	R17220	D0GZ1R0JA020	C1.0 OHM, J, 0.5W	1	PAVCA
	R17222	D0GB101JA041	M 100 OHM,J,1/10W	1	
	R17223	D0GB101JA041	M 100 OHM,J,1/10W	1	
	R17224	D0GB201JA041	M 200 OHM,J,1/10W	1	PAVCA
	R17225	D0GZ1R0JA020	C1.0 OHM, J, 0.5W	1	PAVCA
	R17227	D0GB101JA041	M 100 OHM,J,1/10W	1	
	R17228	D0GB101JA041	M 100 OHM,J,1/10W	1	
	R17229	D0GB201JA041	M 200 OHM,J,1/10W	1	PAVCA
	R17230	D0GZ1R0JA020	C1.0 OHM, J, 0.5W	1	PAVCA
	R17232	D0GB101JA041	M 100 OHM,J,1/10W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R17233	D0GB101JA041	M 100 OHM, J, 1/10W	1	
	R17234	D0GB201JA041	M 200 OHM, J, 1/10W	1	PAVCA
	R17235	D0GZ1R0JA020	C1.0 OHM, J, 0.5W	1	PAVCA
	R17237	D0GB101JA041	M 100 OHM, J, 1/10W	1	
	R17238	D0GB101JA041	M 100 OHM, J, 1/10W	1	
	R17239	D0GB201JA041	M 200 OHM, J, 1/10W	1	PAVCA
	R17240	D0GZ1R0JA020	C1.0 OHM, J, 0.5W	1	PAVCA
	R17242	D0GB101JA041	M 100 OHM, J, 1/10W	1	
	R17243	D0GB101JA041	M 100 OHM, J, 1/10W	1	
	R17244	D0GB101JA041	M 100 OHM, J, 1/10W	1	
	R17245	D0GB681JA041	M 680 OHM, J, 1/10W	1	
	R17247	D0GF151JA047	M 150 OHM, J, 0.33W	1	
	R17260	ERJ6GEY0R00V	M 0 OHM J 1/10W	1	
	R17261	D0GBR00Z0002	M 0 OHM J 1/10W	1	
	R17262	D0GBR00Z0002	M 0 OHM J 1/10W	1	
	R17263	D0GBR00Z0002	M 0 OHM J 1/10W	1	
	RM2501	B3RAD0000168	REMOTE SENSOR	1	
	SC2	K1KY02B00012	2P CONNECTOR	1	
	SC20	K1MY35BA0345	35P CONNECTOR	1	
	SC41	K1KA09AA0707	9P CONNECTOR	1	
	SC42	K1KA09AA0707	9P CONNECTOR	1	
	SC46	K1KA09AA0707	9P CONNECTOR	1	
	SC50	K1KA02AA0193	2P CONNECTOR	1	
	SN2510	B3JB00000078	IC	1	PAVCA
	SS11	K1KY03B00006	3P CONNECTOR	1	
	SS21	K1KA07A00170	7P CONNECTOR	1	
	SS24	K1KB07AA0087	7P CONNECTOR	1	
	SS33	K1KY08AA0719	8P CONNECTOR	1	
	SS58	K1MN13B00091	13P CONNECTOR	1	
	SS61	K1MY13BA0343	13P CONNECTOR	1	
	SS64	K1MY13BA0343	13P CONNECTOR	1	
	SW2500	K0H1BA000445	SWITCH	1	
	SW3759	K0H1BA000445	SWITCH	1	
	SW3761	K0H1BA000445	SWITCH	1	
	SW3762	K0H1BA000445	SWITCH	1	
	SW3763	K0H1BA000445	SWITCH	1	
	SW3764	K0H1BA000445	SWITCH	1	
	SW3765	K0H1BA000445	SWITCH	1	
	T8301	G5BYC0000015	TRANS	1	
	T16471	G4DYA0000200	SWITCHING TRANS	1	
▲	TU8300	ENG36F12KF	TUNER	1	PAVCA
	X1100	H0J100500035	CRYSTAL	1	
	X8002	H0J245500101	CRYSTAL	1	
	X8100	H0J270500120	CRYSTAL	1	
	X8300	H0J250500079	CRYSTAL	1	
	X9300	H0J200500076	CRYSTAL	1	
	ZA1001	K4AZ01D00004	TERMINAL	1	
	ZA1002	K4AZ01D00004	TERMINAL	1	
	ZA1003	K4CC01000001	TERMINAL	1	
	ZA1004	K4CC01000001	TERMINAL	1	
	ZA1005	K4CC01000001	TERMINAL	1	
	ZA16001	K4CD01000011	AV TERMINAL	1	
	ZA16002	K4CD01000011	AV TERMINAL	1	
	ZA16003	K4CD01000011	AV TERMINAL	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	ZA16401	K4CD01000011	AV TERMINAL	1	
	ZA16402	K4CD01000011	AV TERMINAL	1	
	ZA16403	K4CD01000011	AV TERMINAL	1	
	ZA16404	K4CD01000011	AV TERMINAL	1	
	ZA16407	K4CD01000011	AV TERMINAL	1	
	ZA17101	K4CD01000013	AV TERMINAL	1	
	ZA17102	K4CD01000013	AV TERMINAL	1	
	ZA17103	K4CD01000013	AV TERMINAL	1	
	ZA17104	K4CD01000013	AV TERMINAL	1	
	ZA17201	K4CD01000013	AV TERMINAL	1	
	ZA17202	K4CD01000013	AV TERMINAL	1	
	ZA17203	K4CD01000013	AV TERMINAL	1	
	ZA17204	K4CD01000013	AV TERMINAL	1	
	C100	F1J1C474A059	C 0.47UF, Z, 16V	1	
▲	C101	FOCAF334A021	C 0.33UF, 250V	1	
▲	C102	F1BAF221A131	C 220UF, 250V	1	
▲	C103	F1BAF221A131	C 220UF, 250V	1	
▲	C104	FOCAF474A021	C 0.47UF, 250V	1	
▲	C105	FOCAF224A021	C 0.22UF, 250V	1	
▲	C109	ECWF2W225X03	P 0.022UF, 200V	1	
	C111	ECJ1VB1H102K	C 1000PF, K, 50V	1	
	C113	F1J1E225A209	C 2.2 UF 25V	1	
	C114	F1H1C224A065	C 0.22UF, K, 50V	1	
	C115	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
	C116	ECJ1VB1H472K	C 4700PF, K, 50V	1	
	C118	ECJ1VB1H102K	C 1000PF, K, 50V	1	
	C120	F1E2J4730001	C 0.047PF, , 600V	1	
	C122	ECKD3A102KBP	C 1000PF, K, 1KV	1	
	C123	ECKD3A102KBP	C 1000PF, K, 1KV	1	
	C127	F1H1C105A148	C 1UF, K, 16V	1	
	C200	ECJ1VB1H102K	C 1000PF, K, 50V	1	
▲	C201	F2B2W220A032	C 22UF, 450V	1	
	C204	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
	C205	F1H1H222A219	C 2200PF, K, 50V	1	
	C207	F2A21H1000083	E 10UF, 50V	1	
▲	C209	F1BAF221A131	C 220UF, 250V	1	
	C210	F2A1H4700057	E 47UF, 50V	1	
	C211	F1J1E225A209	C 2.2 UF 25V	1	
	C212	ECJ1VB1H102K	C 1000PF, K, 50V	1	
▲	C300	F1BAF221A131	C 220UF, 250V	1	
	C301	ECKD3A101KBP	C 100PF, K, 1KV	1	
▲	C302	F1BAF221A131	C 220UF, 250V	1	
▲	C314	ECWH8333HA	P 0.033PF, J, 8KV	1	
	C400	ECJ1VB1H102K	C 1000PF, K, 50V	1	
	C401	F1A3A221A039	E 220UF, 1KV	1	
	C402	F1H1C105A148	C 1UF, K, 16V	1	
	C403	F1J1E105A231	C 1 UF 25V	1	
	C406	F2A1H1000083	E 10UF, 50V	1	
▲	C407	ECWF6103HLB	P 0.010UF, J, 600V	1	
	C410	ECQE6104KF	P 0.1UF, K, 630V	1	
	C411	ECJ2VB1H103K	C 0.01UF, K, 50V	1	
	C412	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
	C413	ECJ1VB1H102K	C 1000PF, K, 50V	1	
	C414	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
	C500	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
	C505	F2A1A681B345	E 680UF, 10V	1	
	C519	ECJ1VB1H102K	C 1000PF, K, 50V	1	
	C601	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
	C603	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
	C607	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
	C616	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
	C617	ECJ1VB1H103K	C 0.001UF, K, 50V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	C623	F1J0J4750018	C 4.7UF, K, 16V	1	
	C625	ECJ1VB1H102K	C 1000PF, K, 50V	1	
	C627	ECJ2VB1H103K	C 0.01UF, K, 50V	1	
	C628	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
	C700	F1J1E105A231	C 1 UF 25V	1	
	C703	ECJ1VB1H332K	C 3300PF, K, 50V	1	
	C706	F1H1C105A148	C 1UF, K, 16V	1	
	C707	F1J1E105A231	C 1 UF 25V	1	
	C709	F1J1E104A137	C 0.10UF, Z, 25V	1	
	C711	ECJ1VB1H102K	C 1000PF, K, 50V	1	
	C712	F1J1H471A721	C 470UF, 50V	1	
	C713	F1J1E105A231	C 1 UF 25V	1	
	C714	F1J1H333A571	C 0.033UF, 50V	1	
	C715	F1J1H332A623	C 3300UF, 50V	1	
	C716	F1J1E105A231	C 1 UF 25V	1	
	C717	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
	C718	ECJ1VB1H102K	C 1000PF, K, 50V	1	
	C724	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
	C725	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
	C726	F1J1H333A571	C 0.033UF, 50V	1	
	C727	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
	C728	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
	C802	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
	C804	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
	C805	F1J1E105A231	C 1 UF 25V	1	
	C807	F1J1E105A231	C 1 UF 25V	1	
	C808	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
	C810	F1J1E105A231	C 1 UF 25V	1	
▲	C901	F2BZZ1820005	ZZ 182UF	1	
	C902	F2A1H4700057	E 47UF, 50V	1	
	C903	F1J1H104A459	C 0.10UF, 50V	1	
	C905	ECJ2VB1H103K	C 0.01UF, K, 50V	1	
	C906	F1H1H222A219	C 2200PF, K, 50V	1	
	C907	F1H1C105A148	C 1UF, K, 16V	1	
	C908	ECJ1VB1H102K	C 1000PF, K, 50V	1	
	C909	F1J1H273A571	C 0.027PF, 50V	1	
▲	D100	B0FBBT000008	DIODE	1	
	D102	B0ACDD000001	DIODE	1	
	D103	B0BC01400033	ZENER DIODE	1	
	D104	B0JCME000093	DIODE	1	
	D106	B0EAKT000048	DIODE	1	
	D108	B0HAPR000016	DIODE	1	
	D109	B0HAPR000016	DIODE	1	
	D114	B0ACDJ000010	DIODE	1	
▲	D200	B0EBKT000007	DIODE	1	
	D201	MTZJ10B	ZENER DIODE	1	
	D202	MTZJ10B	ZENER DIODE	1	
	D205	MTZJ10B	ZENER DIODE	1	
	D206	B0ACDJ000010	DIODE	1	
	D207	B0BBB17000009	ZENER DIODE	1	
	D208	B0ECKM000046	DIODE	1	
	D209	B0ECKM000046	DIODE	1	
	D210	B0BA03300004	ZENER DIODE	1	
	D300	B0EAAD000001	DIODE	1	
	D301	B0EAAD000001	DIODE	1	
	D400	MTZJ10B	ZENER DIODE	1	
	D401	MTZJ10B	ZENER DIODE	1	
	D402	B0JCCC000002	DIODE	1	
	D404	MTZJ12B	ZENER DIODE	1	
	D405	B0BA05100010	ZENER DIODE	1	
	D406	B0EAKS000003	DIODE	1	
	D408	B0ECKM000046	DIODE	1	
	D410	B0HAMP000067	DIODE	1	
	D411	B0BC8R100015	ZENER DIODE	1	
	D501	B0JAMG000031	DIODE	1	
	D600	B0ACDJ000010	DIODE	1	
	D604	B0EAAD000001	DIODE	1	
	D605	B0EAAD000001	DIODE	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	D611	B0ACDJ000010	DIODE	1	
	D701	B0ECKM000046	DIODE	1	
	D702	B0HERR000001	DIODE	1	
	D703	B0FBAR000044	DIODE	1	
	D706	B0BC5R600065	ZENER DIODE	1	
	D708	B0ACDJ000010	DIODE	1	
	D800	B0FBMM000023	DIODE	1	
	D801	B0ACDJ000010	DIODE	1	
	D900	B0BA03600020	ZENER DIODE	1	
	D901	B0JCME000093	DIODE	1	
	D902	B0EAMR000015	DIODE	1	
	D903	B0BA02100001	ZENER DIODE	1	
	D904	B0BA02100001	ZENER DIODE	1	
	D905	B0BA03600020	ZENER DIODE	1	
	D907	B0EAMR000015	DIODE	1	
	D908	B0BA01500003	ZENER DIODE	1	
▲	F100	K5E802BZ0002	FUSE	1	
▲	F101	K5E802BZ0002	FUSE	1	
▲	F200	K5G631B00008	FUSE	1	
	IC100	C0DBZYY00361	IC	1	
	IC200	C0DBZMC00006	IC	1	
▲	IC201	MIP2K20MSSCF	IC	1	
▲	IC202	B3PBA0000459	IC	1	
▲	IC400	MIP418AMDS	IC	1	
▲	IC401	B3PBA0000459	IC	1	
	IC500	C0DBZMC00006	IC	1	
▲	IC600	B3PBA0000459	IC	1	
▲	IC601	B3PBA0000459	IC	1	
	IC602	C0EBH0000210	IC	1	
	IC603	C2ABDB000129	IC	1	
	IC700	LSSK0087	IC	1	
	IC701	C0DBZMC00006	IC	1	
	IC800	C0DBZMC00006	IC	1	
	IC901	C0DBZMC00006	IC	1	
	IC902	C0DBZYY00360	IC	1	
▲	IC903	B3PBA0000459	IC	1	
	IC904	C0DBZMC00006	IC	1	
	J600	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
▲	L100	G0B123Y00002	CHOKE COIL	1	
▲	L101	G0B123Y00002	CHOKE COIL	1	
	L700	J0JCC0000119	CHIP INDUCTOR	1	
	P2	K1KY02BA0001	2P CONNECTOR	1	
	P6	K1KA11AA0082	11P CONNECTOR	1	
	P7	K1KA14AA0082	14P CONNECTOR	1	
	P9	K1KA02B00295	2P CONNECTOR	1	
	P11	K1KA03B00246	3P CONNECTOR	1	
	P25	K1KA10AA0082	10P CONNECTOR	1	
	P35	K1KA03A00647	3P CONNECTOR	1	
▲	PR101	K5Y502B00008	FUSE	1	
▲	PR900	K5Y402B00006	FUSE	1	
	Q101	DSC5001ROL	TRANSISTOR	1	
	Q103	B1BCCF000022	TRANSISTOR	1	
▲	Q104	B1CERR000027	FET	1	
	Q300	B1CHPD000008	FET	1	
	Q301	B1CHPD000008	FET	1	
▲	Q302	B1CERQ000059	FET	1	
▲	Q303	B1CERQ000059	FET	1	
	Q400	DSC5001ROL	TRANSISTOR	1	
	Q401	B1CFGD000030	FET	1	
	Q402	B1CFGD000030	FET	1	
	Q505	B1CHPD000008	FET	1	
	Q600	DSC5001ROL	TRANSISTOR	1	
	Q602	DSC5001ROL	TRANSISTOR	1	
	Q701	B1HBCFA00033	TRANSISTOR	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	Q703	B1ADCF000111	TRANSISTOR	1	
	Q705	B1CFGD000030	FET	1	
	Q706	B1HDCEA00001	TRANSISTOR	1	
	Q707	DSC5001ROL	TRANSISTOR	1	
	Q708	B1ADCF000111	TRANSISTOR	1	
	Q709	B1CFGD000030	FET	1	
	Q710	B1CFGD000030	FET	1	
	Q711	DSC5001ROL	TRANSISTOR	1	
	Q712	DSC5001ROL	TRANSISTOR	1	
	Q714	B1ADCF000116	TRANSISTOR	1	
	Q715	B1ADCF000116	TRANSISTOR	1	
	Q801	DSC5001ROL	TRANSISTOR	1	
	Q805	B1ADCF000111	TRANSISTOR	1	
	Q806	DSC5001ROL	TRANSISTOR	1	
	Q807	B1HBCFA00033	TRANSISTOR	1	
▲	Q901	B1CERQ000057	FET	1	
	R101	D0GB394JA057	M 390KOHM J 1/10W	1	
▲	R102	ERF5TJ100	W 10 OHM, J, 5W	1	
	R103	ERJ6GEYJ333V	M 33KOHM, J, 1/10W	1	
	R104	ERJ6GEYJ104V	M 100KOHM, J, 1/10W	1	
	R105	D1AB6343A023	M 634 KOHM, 0.25W	1	
	R106	ERJ3GEYJ434	M 430KOHM, J, 1/16W	1	
	R107	D1AB6343A023	M 634 KOHM, 0.25W	1	
	R108	ERJ3GEYJ223	M 22KOHM, J, 1/16W	1	
	R109	ERJ6GEYJ103V	M 10K OHM J 1/10W	1	
	R112	ERJ6GEY0R00V	M 0 OHM J 1/10W	1	
	R113	ERJ3EKF1002	M 10KOHM, 1/16W	1	
	R114	D0BF6R8JA035	M 6.8OHM, J, 0.05W	1	
	R115	D0BF6R8JA035	M 6.8OHM, J, 0.05W	1	
	R116	ERJ8GEYJ153	M 15KOHM, J, 1/8W	1	
	R117	ERJ8GEYJ153	M 15KOHM, J, 1/8W	1	
	R118	ERJ6GEYJ183V	M 18KOHM, J, 1/10W	1	
	R119	D0GB103JA057	M 10K OHM J 1/10W	1	
	R121	ERJ3GEYJ333	M 33KOHM, J, 1/16W	1	
	R122	ERX12SJ4R7	M 4.7 OHM, J, 1/2W	1	
	R123	D0GB103JA057	M 10K OHM J 1/10W	1	
	R125	D0XGR10J0003	M 0.100HM, J, 5W	1	
	R126	D0XGR10J0003	M 0.100HM, J, 5W	1	
	R127	ERJ6GEYJ331V	M 330 OHM J 1/10W	1	
	R128	ERJ6GEYJ103V	M 10K OHM J 1/10W	1	
	R129	D0GD4R7JA059	M 4.7 OHM, J, 0.25W	1	
	R130	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
	R131	ERJ6GEY0R00V	M 0 OHM J 1/10W	1	
	R132	ERJ6GEY0R00V	M 0 OHM J 1/10W	1	
	R133	D1AB1004A023	M1000MOHM, 0.25W	1	
	R134	D1AB1004A023	M1000MOHM, 0.25W	1	
	R136	ERJ6GEYJ104V	M 100KOHM, J, 1/10W	1	
	R137	ERJ8GEYJ474	M 470KOHM, J, 1/8W	1	
	R138	ERJ6GEYJ123V	M 12KOHM, J, 1/10W	1	
	R139	ERJ6RBD123V	M 12KOHM, J, 1/10W	1	
	R141	EVMAASA00B23	CONTROL 2KOHMB	1	
	R147	D1AB8453A023	M 845 KOHM, 0.25W	1	
	R148	D1AB8453A023	M 845 KOHM, 0.25W	1	
	R150	ERJ6ENF9101	M 9.1KOHM, 1/10W	1	
	R200	D1AB3303A023	M330 KOHM, 0.25W	1	
	R201	D1AB3303A023	M330 KOHM, 0.25W	1	
	R203	D1AB3303A023	M330 KOHM, 0.25W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R204	D1AB3303A023	M330 KOHM, 0.25W	1	
	R206	ERJ6ENF2702	M 27KOHM, 1/10W	1	
	R207	ERJ6ENF4702	M 47KOHM, 1/10W	1	
	R208	ERJ6GEYJ222V	M 2.2K OHM J 1/10W	1	
	R209	D0GB102JA057	M 1KOHM, J, 1/10W	1	
	R210	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
	R211	ERJ6GEYJ224	M 220KOHM, J, 1/10W	1	
	R214	ERJ6GEYJ153V	M 15KOHM, J, 1/10W	1	
	R215	ERJ6GEY0R00V	M 0 OHM J 1/10W	1	
	R216	D0GD4R7JA059	M 4.7 OHM, J, 0.25W	1	
▲	R218	D0B1825JA033	M1.22MOHM, J, 0.05W	1	
	R300	D0GZ181JA020	M 180 OHM, J, 0.5W	1	
	R301	D0GZ181JA020	M 180 OHM, J, 0.5W	1	
	R302	ERJ8GEYJ220V	M 22 OHM, J, 1/8W	1	
	R303	ERJ8GEYJ220V	M 22 OHM, J, 1/8W	1	
	R304	DOCF240JA010	M 24 OHM, J, 1/2W	1	
	R305	DOCF240JA010	M 24 OHM, J, 1/2W	1	
	R400	ERJ6GEYJ222V	M 2.2K OHM J 1/10W	1	
	R401	ERJ6GEYJ203	M 20KOHM, J, 1/10W	1	
	R403	ERJ6GEYJ302V	M 3KOHM, J, 1/10W	1	
	R404	ERG2SJW563	M 56KOHM, J, 2W	1	
	R405	D0GD4R7JA059	M 4.7 OHM, J, 0.25W	1	
	R406	D0GD123JA059	M 12KOHM, F, 0.25W	1	
	R407	ERG2SJW563	M 56KOHM, J, 2W	1	
	R408	D0GD123JA059	M 12KOHM, F, 0.25W	1	
	R409	ERJ3GEYJ273	M 27KOHM, J, 1/16W	1	
	R410	ERJ3GEYJ273	M 27KOHM, J, 1/16W	1	
	R411	ERJ6GEYJ104V	M 100KOHM, J, 1/10W	1	
	R412	ERJ6GEYJ102V	M 1K OHM J 1/10W	1	
	R413	ERJ3GEYJ104	M 100KOHM, J, 1/16W	1	
	R414	D0GB105JA057	M 1M OHM F 1/10W	1	
	R415	ERJ6GEYJ103V	M 10K OHM J 1/10W	1	
	R416	D1AB7503A023	M 750 KOHM, 0.25W	1	
	R417	D1AB6343A023	M 634 KOHM, 0.25W	1	
	R418	ERJ6ENF1003	M 100KOHM, 1/10W	1	
	R500	ERJ6GEYJ221V	M 220 OHM, J, 1/10W	1	
	R502	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	1	
	R503	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	1	
	R507	ERJ6RBD333	M 33KOHM, J, 1/10W	1	
	R508	ERJ6RBD333	M 33KOHM, J, 1/10W	1	
	R517	ERJ6GEYJ103V	M 10K OHM J 1/10W	1	
	R518	ERJ3GEYJ104	M 100KOHM, J, 1/16W	1	
	R601	D0GB102JA057	M 1KOHM, J, 1/10W	1	
	R602	ERJ3GEYJ224	M 220KOHM, J, 1/16W	1	
	R604	ERJ3GEYJ104	M 100KOHM, J, 1/16W	1	
	R605	ERJ3GEYJ224	M 220KOHM, J, 1/16W	1	
	R608	ERJ6GEYJ102V	M 1K OHM J 1/10W	1	
	R609	ERJ3GEYJ104	M 100KOHM, J, 1/16W	1	
	R610	ERJ6GEYJ101V	M 100 OHM, J, 1/10W	1	
	R611	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
	R613	D0GB154JA057	M 150KOHM J 1/10W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R615	D0GB182JA057	M 1.8KOHM J 1/10W	1	
	R616	ERJ3GEYJ104	M 100KOHM, J,1/16W	1	
	R619	ERJ6GEYJ101V	M 100 OHM, J,1/10W	1	
	R620	D0GB102JA057	M 1KOHM, J,1/10W	1	
	R622	D0GB102JA057	M 1KOHM, J,1/10W	1	
	R623	ERJ3GEYJ104	M 100KOHM, J,1/16W	1	
	R624	ERJ6GEY0R00V	M 0 OHM J 1/10W	1	
	R625	ERJ6ENF2701	M 2.7KOHM, 1/10W	1	
	R626	ERJ3EKF3302	M 33KOHM, 1/16W	1	
	R627	D0GB103JA057	M 10K OHM J 1/10W	1	
	R628	ERJ3GEYJ222	M 2.2KOHM, J,1/16W	1	
	R630	ERJ6GEYJ101V	M 100 OHM, J,1/10W	1	
	R633	ERJ6GEY0R00V	M 0 OHM J 1/10W	1	
	R635	ERJ3GEYJ472	M 4.7KOHM, J,1/16W	1	
	R637	ERJ6RBD152	M 1.5KOHM, J,1/10W	1	
	R639	ERJ3EKF10R0	M 10 OHM, 1/16W	1	
	R641	ERJ3GEYJ472	M 4.7KOHM, J,1/16W	1	
	R643	ERJ6GEYJ103V	M 10K OHM J 1/10W	1	
	R644	ERJ8GEYJ330	M 33 OHM, J,1/8W	1	
	R645	ERJ3GEYJ333	M 33KOHM, J,1/16W	1	
	R646	D0GB102JA057	M 1KOHM, J,1/10W	1	
	R647	D0GB103JA057	M 10K OHM J 1/10W	1	
	R649	ERJ6GEYJ101V	M 100 OHM, J,1/10W	1	
	R652	ERJ6GEYG392	M 3.9KOHM, J,1/10W	1	
	R653	ERJ6GEYG392	M 3.9KOHM, J,1/10W	1	
	R661	ERJ6GEY0R00V	M 0 OHM J 1/10W	1	
	R662	ERJ3GEYJ104	M 100KOHM, J,1/16W	1	
	R663	ERJ3GEYJ104	M 100KOHM, J,1/16W	1	
	R700	D0GD4R7JA059	M 4.7 OHM, J, 0.25W	1	
	R702	ERJ3GEYJ101	M 100 OHM, J,1/16W	1	
	R703	ERJ6GEYG105	M 1.0 OHM, J,1/10W	1	
	R704	ERJ6GEYJ100V	M 10 OHM, J,1/10W	1	
	R706	ERJ8ENF1500	M 150 OHM, 1/8W	1	
	R707	ERJ3EKF2702V	M27.0KOHM, 1/16W	1	
	R708	ERJ6GEYG681	M 680 OHM, J,1/10W	1	
	R709	ERJ3EKF2202	M 22KOHM, 1/16W	1	
	R711	ERJ3EKF3302	M 33KOHM, 1/16W	1	
	R712	ERJ6GEY0R00V	M 0 OHM J 1/10W	1	
	R714	ERJ6GEYJ102V	M 1K OHM J 1/10W	1	
	R726	ERJ6GEY0R00V	M 0 OHM J 1/10W	1	
	R727	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
	R728	ERJ6GEYJ101V	M 100 OHM, J,1/10W	1	
	R729	ERJ6GEYJ100V	M 10 OHM, J,1/10W	1	
	R730	ERJ8GEYJ472V	M 4.7KOHM, J,1/8W	1	
	R731	ERJ6GEYJ4R7	M 4.7 OHM, J,1/10W	1	
	R732	ERJ6ENF1802	M 18KOHM, 1/10W	1	
	R733	ERJ6GEYJ4R7	M 4.7 OHM, J,1/10W	1	
	R734	ERJ6GEYJ101V	M 100 OHM, J,1/10W	1	
	R736	ERJ6GEYJ101V	M 100 OHM, J,1/10W	1	
	R739	ERJ6ENF3901	M 3.9KOHM, 1/10W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R740	ERJ3GEYJ331	M 330 OHM, J,1/16W	1	
	R741	ERJ6ENF6201	M 6.2KOHM, 1/10W	1	
	R742	ERJ6ENF1003	M 100KOHM, 1/10W	1	
	R743	ERJ6ENF1002	M 1KOHM, 1/10W	1	
	R744	ERJ6ENF1001	M 1KOHM, 1/10W	1	
	R745	ERJ6GEYJ333V	M 33KOHM, J,1/10W	1	
	R746	ERJ6GEYJ103V	M 10K OHM J 1/10W	1	
	R749	ERJ6GEY0R00V	M 0 OHM J 1/10W	1	
	R750	ERJ6ENF1002	M 10KOHM, 1/10W	1	
	R752	ERJ6GEYF473	M 47KOHM, J,1/10W	1	
	R753	ERJ6ENF9102	M91.0KOHM, 1/10W	1	
	R754	ERJ6ENF9102	M91.0KOHM, 1/10W	1	
	R755	ERJ6ENF9102	M91.0KOHM, 1/10W	1	
	R756	ERJ6ENF9102	M91.0KOHM, 1/10W	1	
	R757	ERJ6ENF6802	M 68KOHM, 1/10W	1	
	R758	ERJ6ENF1503	M 150KOHM, 1/10W	1	
	R759	ERJ6ENF1503	M 150KOHM, 1/10W	1	
	R760	ERJ6ENF1503	M 150KOHM, 1/10W	1	
	R761	ERJ6ENF1503	M 150KOHM, 1/10W	1	
	R762	ERJ6ENF1603	M 160KOHM, 1/10W	1	
	R763	ERJ6ENF1502	M 15KOHM, 1/10W	1	
	R764	ERJ6ENF8201	M 8.2KOHM, 1/10W	1	
	R766	ERJ6GEYJ104V	M 100KOHM, J,1/10W	1	
	R767	ERJ6GEYJ101V	M 100 OHM, J,1/10W	1	
	R770	D0XGR01JA028	M 0.01OHM, J, 5W	1	
	R773	ERJ6ENF1802	M 18KOHM, 1/10W	1	
	R774	ERJ6GEYJ103V	M 10K OHM J 1/10W	1	
	R775	ERJ6ENF1802	M 18KOHM, 1/10W	1	
	R776	ERJ6GEYJ103V	M 10K OHM J 1/10W	1	
	R777	ERJ6GEYJ104V	M 100KOHM, J,1/10W	1	
	R778	ERJ6GEYF473	M 47KOHM, J,1/10W	1	
	R779	ERJ6GEYF473	M 47KOHM, J,1/10W	1	
	R780	ERJ6GEY0R00V	M 0 OHM J 1/10W	1	
	R781	ERJ6GEY0R00V	M 0 OHM J 1/10W	1	
	R783	ERJ6ENF2003	M 200KOHM, 1/10W	1	
	R784	ERJ6ENF3303	M 330KOHM, 1/10W	1	
	R785	ERJ6GEYJ102V	M 1K OHM J 1/10W	1	
	R786	ERJ6GEYJ104V	M 100KOHM, J,1/10W	1	
	R787	ERJ3GEYJ331	M 330 OHM, J,1/16W	1	
	R788	ERJ6GEYJ101V	M 100 OHM, J,1/10W	1	
	R789	ERJ3GEYJ334	M 330KOHM, J,1/16W	1	
	R790	ERJ3EKF3301	M 3.3KOHM, 1/16W	1	
	R792	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
	R793	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
	R798	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
	R800	ERJ6GEYJ102V	M 1K OHM J 1/10W	1	
	R801	ERJ6GEYJ562V	M 5.6KOHM, J,1/10W	1	
	R802	ERJ3GEYJ431V	M 430 OHM, J,1/16W	1	
	R803	ERJ6RBD333	M 33KOHM, J,1/10W	1	
	R804	ERJ6RBD622	M 6.2KOHM, J,1/10W	1	
	R807	ERJ3GEYD274V	M 270KOHM, J,1/16W	1	
	R808	D0GB102JA057	M 1KOHM, J,1/10W	1	
	R809	D0GB184JA057	M 180KOHM J 1/10W	1	
	R810	D0GB473JA057	M 47KOHM, J,1/10W	1	
	R811	ERJ3GEYJ104	M 100KOHM, J,1/16W	1	
	R812	ERJ6GEYJ103V	M 10K OHM J 1/10W	1	
	R900	ERJ8GEYJ222V	M 2.2KOHM, J,1/8W	1	
	R901	ERJ6GEY0R00V	M 0 OHM J 1/10W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R902	D0GF101JA047	M 100 OHM, J, 0.33W	1	
	R903	D0XGR05JA028	M 0.05OHM, J, 5W	1	
	R905	ERJ8GEYJ103	M 10KOHM, J, 1/8W	1	
	R906	ERJ8GEYJ222V	M 2.2KOHM, J, 1/8W	1	
	R907	ERJ6ENF3301	M 3.3KOHM, 1/10W	1	
	R908	ERJ6ENF3301	M 3.3KOHM, 1/10W	1	
	R909	D0GB473JA057	M 47KOHM, J, 1/10W	1	
	R910	ERJ3GEYJ333	M 33KOHM, J, 1/16W	1	
	R911	ERJ3GEYD153V	M 15KOHM, J, 1/16W	1	
	R912	ERJ6GEYJ331V	M 330 OHM J 1/10W	1	
	R913	ERJ6RBD152	M 1.5KOHM, J, 1/10W	1	
	R914	ERJ6GEYJ102V	M 1K OHM J 1/10W	1	
	R915	ERJ6GEY0R00V	M 0 OHM J 1/10W	1	
	R916	ERJ6ENF1103	M 110KOHM, 1/10W	1	
	R917	ERJ6ENF1003	M 100KOHM, 1/10W	1	
	R918	ERJ6ENF8201	M 8.2KOHM, 1/10W	1	
	R919	ERJ6GEY0R00V	M 0 OHM J 1/10W	1	
	R921	ERJ8GEYJ101V	M 100 OHM, J, 1/8W	1	
	R922	ERX12SJ5R6	M 5.6 OHM, J, 1/2W	1	
	R923	EVMAASA00B23	CONTROL 2KOHMB	1	
	R924	ERJ8GEYJ103	M 10KOHM, J, 1/8W	1	
	R926	ERJ6ENF2003	M 200KOHM, 1/10W	1	
	R927	ERJ6ENF2003	M 200KOHM, 1/10W	1	
	R928	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
	R933	ERJ8GEYJ101V	M 100 OHM, J, 1/8W	1	
	R941	D0XGR10J0003	M 0.100HM, J, 5W	1	
	R942	ERJ6GEYJ222V	M 2.2K OHM J 1/10W	1	
	R943	ERJ6GEYJ223	M 22KOHM, J, 1/10W	1	
	R944	ERJ6ENF1001	M 1KOHM, 1/10W	1	
	R945	ERJ6ENF9102	M91.0KOHM, 1/10W	1	
	R946	ERJ6GEYF473	M 47KOHM, J, 1/10W	1	
	R947	ERJ6GEYF473	M 47KOHM, J, 1/10W	1	
	R948	ERJ6GEYJ223	M 22KOHM, J, 1/10W	1	
	R949	ERJ6GEY0R00V	M 0 OHM J 1/10W	1	
	R950	ERJ6ENF4702	M 47KOHM, 1/10W	1	
△	RL101	K6B1AYY00057	RELAY	1	
△	RL102	K6B1AYY00057	RELAY	1	
△	S101	J0LT00000009	SWITCH	1	
	T100	ETTS42AY14GAD	SWITCHING TRANSFORMER	1	
△	T200	ETTS15AC116AH	SWITCHING TRANSFORMER	1	
△	T300	G4DYA0000194	SWITCHING TRANSFORMER	1	
△	T301	ETTS42LZ1BGAD	SWITCHING TRANSFORMER	1	
△	T400	ETTS29AZ2YGAD	SWITCHING TRANSFORMER	1	
	T900	ETTS28AU3KGAD	SWITCHING TRANSFORMER	1	
	TP700	G0ZZ00002183	PEAKING COIL	1	
	TP900	G0ZZ00002183	PEAKING COIL	1	
	VR251	EVMAASA00B33	CONTROL 3KOHMB	1	
	X600	H2B400400021	CRYSTAL	1	
Z1	K4CZ01000027	AV TERMINAL	1		
Z2	K4CZ01000027	AV TERMINAL	1		
Z3	K4CZ01000027	AV TERMINAL	1		
△	ZN100	D4EAD6210001	VARISTOR	1	
△	ZN101	D4EAB681A011	VARISTOR	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
△	ZN102	D4EAD6210001	VARISTOR	1	
△	ZN200	D4EA8511A001	VARISTOR	1	
△	ZN201	D4EA8511A001	VARISTOR	1	